

RECORD OF PROCEEDINGS  
OF THE  
BOARD OF TRUSTEES  
OF THE  
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1983 to June 30, 1984

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1983-1984

THE OHIO STATE UNIVERSITY

Edward H. Jennings, President

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
John D. Jacob, Columbus	May 14, 1975	May 13, 1984
D. James Hilliker, Bellefontaine	May 14, 1976	May 13, 1985
John F. Havens, Delaware	May 14, 1977	May 13, 1986
Daniel M. Galbreath, Columbus	May 14, 1978	May 13, 1987
Edmund C. Redman, Columbus	May 14, 1979	May 13, 1988
Leonard J. Immke, Columbus	May 14, 1980	May 13, 1989
John W. Berry, Dayton	May 14, 1981	May 13, 1990
Shirley D. Bowser, Williamsport	May 14, 1982	May 13, 1991
Hamilton J. Teaford, Columbus	May 14, 1983	May 13, 1992
John J. Barone, Toledo	May 14, 1984	May 13, 1993

OFFICERS

John D. Jacob, Chairman  
D. James Hilliker, Vice Chairman  
Madison H. Scott, Secretary  
James Lee Nichols, Treasurer

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND NINETY-FIRST MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 8, 1983

The Board of Trustees met at its regular monthly meeting on Friday, July 8, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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July 8, 1983 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 12:00 noon. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 1:30 p.m.

EMPLOYMENT OF ARCHITECT  
UNIVERSITY VISUAL ARTS CENTER

Resolution No. 84-1

President Jennings called on Vice President Jackson and Dean Andrew J. Broekema to present and ask for approval of a resolution regarding the Visual Arts Center. Mr. Jackson introduced to the Board the following resolution seeking authorization to employ an architectural team to provide the design for the University Visual Arts Center.

Dean Broekema made the following statement:

I would like to express my appreciation to the members of the Board for the time that you gave to us in allowing us to present the design solutions. And I think at this point that in recognizing that we are at the very beginning of the planning process that we feel very confident that the way that the architectural firms have addressed the problem and the program of the building has indeed been an amazing one. But we also recognize that in the course of the planning that will be going on from here on in that there will be changes addressed and we are confident that we will be able to address the concerns that have been already stated, and we also believe that having worked with these--this team thus far, that we have a very good promise for an excellent future in coming up with a building, I think, that is going to be spectacular, and will address a number of the issues that we have already raised. I would like to thank you for your time; I appreciate the opportunity to do some boasting and to share some of our enthusiasm with you. And I thank you very much.

Synopsis: Authorization to employ an architectural firm to provide the design for a University Visual Arts Center is requested.

WHEREAS there is a critical need for a facility to house The Ohio State University's outstanding art collections, to provide workshop and research space for the visual arts, and to serve as a focal point for individual and collective creative expression in all the visual arts; and

July 8, 1983 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT  
UNIVERSITY VISUAL ARTS CENTER (contd)

WHEREAS funds for construction of the Visual Arts Center will be provided from contributions to The Ohio State University Development Fund and the estimated total project cost is \$15 million; and

WHEREAS to ensure the selection of a design for the University Visual Arts Center that will be distinctive, creative, and expressive of the arts, this Board, on November 5, 1982, authorized a design competition whereby architectural firms would be invited to submit competitive designs, to be judged by a select jury appointed by the President; and

WHEREAS the design competition was conducted on May 28-30, 1983, and the select jury unanimously recommended to the President that the design submitted by the architectural team of Trott and Bean, Architects and Eisenman/Robertson, Architects be selected as the design for the Visual Arts Center; and

WHEREAS the President concurs in the jury's selection and recommends that this design be selected for the Visual Arts Center:

NOW THEREFORE

BE IT RESOLVED, That the design submitted by the architectural team of Trott and Bean, Architects and Eisenman/Robertson, Architects is hereby selected for the University Visual Arts Center and that the President and/or Vice President for Business and Finance be authorized to employ Trott and Bean, Architects and Eisenman/Robertson, Architects to provide complete architectural design services for this project, based on an estimated total project cost of \$15 million.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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AMENDMENT TO RULES OF THE UNIVERSITY FACULTY  
Resolution No. 84-2

Synopsis: Amendment to rule 3335-5-57 is being proposed.

WHEREAS the University Senate pursuant to rule 3335-5-57 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of an amendment to Rules of the University Faculty as approved by the University Senate; and

WHEREAS the amendment to rule 3335-5-57 of Rules of the University Faculty was approved by the University Senate on June 4, 1983, as follows:

July 8, 1983 meeting, Board of Trustees

AMENDMENT TO RULES OF THE UNIVERSITY FACULTY (contd)

AMENDED RULE

3335-5-57 Committee on honorary degrees.

- (D) The vice president for academic affairs and provost, or designee, shall serve as liaison between this committee and the president.

NOW THEREFORE

BE IT RESOLVED, That the amendment to the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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ESTABLISHMENT OF COLLEGE OF NURSING

Resolution No. 84-3

Synopsis: Recommendation to change School of Nursing to College of Nursing is being proposed.

WHEREAS the Council on Academic Affairs has reviewed and approved a proposal that the School of Nursing be accorded College status; and

WHEREAS the College of Medicine and the Office of the Vice President for Health Services also endorse and support this proposal; and

WHEREAS Nursing as a distinct academic discipline is recognized in the vast majority of U. S. universities in that colleges of nursing have already been established; and

WHEREAS College status would allow Nursing to set its own goals, direction and future; and

WHEREAS the Council on Academic Affairs believes that this proposal will enable Nursing to recruit and retain highly qualified faculty and students; and

WHEREAS with College status the research, teaching and public service mission of the faculty can be significantly enhanced; and

WHEREAS the internal review of the School is near completion and will provide the basis for negotiation of resources:

July 8, 1983 meeting, Board of Trustees

#### ESTABLISHMENT OF COLLEGE OF NURSING (contd)

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees approve the action of the University Senate to change the School of Nursing to College of Nursing which was recommended at the June 4, 1983 meeting; and

BE IT FURTHER RESOLVED, That this change will be effective immediately.

Upon motion of Mrs. Bowser, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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#### AMENDMENT OF BYLAWS AND RULES TO INCLUDE NEW COLLEGES

Resolution No. 84-4

Synopsis: Amendment of the Bylaws of the Board of Trustees and Rules of the University Faculty is proposed to reflect the establishment of the College of Home Economics and the College of Nursing.

WHEREAS at the June 9, 1983 meeting, this Board approved the change of the School of Home Economics to the College of Home Economics; and

WHEREAS in an action before this Board today, the School of Nursing is being changed to the College of Nursing;

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized and directed to make appropriate revisions in the Bylaws of the Board of Trustees, the Rules of the University Faculty, and any other official University publications and documents to reflect the aforementioned changes in status of these two academic units, and that these revisions be effective immediately.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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#### REVISION OF TITLE DESIGNATION FOR STUDENT AFFAIRS ADMINISTRATION

Resolution No. 84-5

Synopsis: Amendment of the Bylaws of the Board of Trustees and Rules of the University Faculty to reflect the title change of the administrative head of the Office of Student Affairs is proposed.

July 8, 1983 meeting, Board of Trustees

**REVISION OF TITLE DESIGNATION FOR  
STUDENT AFFAIRS ADMINISTRATION (contd)**

WHEREAS there is an administrative area within the Office of Academic Affairs and Provost which is responsible for the non-instructional activities and facilities of the students of the University; and

WHEREAS the duties and responsibilities of the administrative head of that area generally shall be the administration of the student services of the University; and

WHEREAS given the realignment of functions and reporting relationships within the Office of Academic Affairs, it has been determined that in order to facilitate these changes the title of Executive Associate Vice President for Academic Affairs (Student Services) should be eliminated, and the title Vice Provost for Student Affairs established:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized and instructed to effect this title change and other appropriate language revisions throughout the Bylaws of the Board of Trustees and the Rules of the University Faculty as well as any other official University publications and documents in which such change(s) would be appropriate.

Upon motion of Mr. Berry, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**ELIMINATION OF THE OFFICES OF VICE PRESIDENT  
FOR REGIONAL CAMPUSES AND VICE PRESIDENT  
FOR EDUCATIONAL SERVICES**

Resolution No. 84-6

Synopsis: Elimination of the Offices of Vice President for Regional Campuses and Vice President for Educational Services is proposed.

WHEREAS in the reorganization of the University administration presented to and approved by this Board in July, 1982, the Offices of Vice President for Regional Campuses and Vice President for Educational Services were proposed to be continued only through June, 1983 and August, 1983 respectively; and

WHEREAS John T. Mount retired from the University and was appointed Vice President and Dean Emeritus effective July 1, 1983; and

WHEREAS Kathryn T. Schoen, in a separate action being presented to this Board today, is being appointed as Acting Dean of the College of Nursing:

NOW THEREFORE

July 8, 1983 meeting, Board of Trustees

ELIMINATION OF THE OFFICES OF VICE PRESIDENT  
FOR REGIONAL CAMPUSES AND VICE PRESIDENT  
FOR EDUCATIONAL SERVICES (contd)

BE IT RESOLVED, That the Offices of Vice President for Regional Campuses and Vice President for Educational Services be abolished effective immediately, and that appropriate deletions and changes in the Bylaws of the Board of Trustees and the Rules of the University Faculty, as well as other University publications and documents, be coordinated by the Secretary of the Board of Trustees.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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UPDATING OF BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY PERTAINING TO  
ADMINISTRATION OF THE GRADUATE SCHOOL

Resolution No. 84-7

Synopsis: Revision of the Bylaws of the Board of Trustees and Rules of the University Faculty pertaining to administration of the Graduate School is proposed to reflect certain current Graduate School responsibilities and/or reporting relationships.

WHEREAS a realignment of the University's administrative organization was approved by this Board last year to be effective in July, 1982; and

WHEREAS part of that reorganization included the creation of the new position of Vice President for Research and Graduate Studies; the re-establishment of the position of Dean of the Graduate School; and the elimination of the title, Vice Provost for Research and Dean of the Graduate School; and

WHEREAS most affected Bylaws of the Board of Trustees and Rules of the University Faculty were updated following the reorganization to reflect the new alignment, but certain responsibilities and/or reporting relationships were not addressed at that time; and

WHEREAS such remaining responsibilities and/or reporting relationships in the Bylaws and Rules have now been defined;

NOW THEREFORE

BE IT RESOLVED, That in Bylaw 3335-1-05 (G); and in Rules 3335-3-27, 3335-3-31, and 3335-7-05 (H) as well as any other applicable sections of the Administrative Code, the language "Vice Provost for Research and" be deleted, leaving only the title "Dean of the Graduate School," and that these changes shall now reflect the appropriate responsibilities and/or reporting relationships of the positions involved.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 8, 1983, meeting, Board of Trustees

# UNIVERSITY HOSPITALS BOARD

Amended Resolution No. 84-8

A resolution was presented to the Board recommending the appointment of a new general public member of the University Hospitals Board. Dr. Jacob asked that the resolution be amended to reflect a request by Mr. Galbreath that he be relieved of service on the University Hospitals Board for 1983-84, and that Mrs. Bowser be appointed to fill that term. The Board voted on the amended resolution as follows:

Synopsis: Confirmation and approval of nominees to the University Hospitals Board is proposed.

WHEREAS the Board of Trustees on November 30, 1979, approved the establishment of a University Hospitals Board; and

WHEREAS the membership of the Board was approved on April 4, 1980 and amended on April 1, 1983; and

WHEREAS it is stipulated that "The Hospitals Board shall be comprised of two members of the University Board of Trustees and twelve other persons, selected from the general public who shall be appointed by the University Board of Trustees in consultation with the President"; and

WHEREAS the terms of four members selected from the general public expired on April 30, 1983, and appointments for only three of those terms have been made to date; and

WHEREAS Daniel M. Galbreath, one of the two Trustees serving on the University Hospitals Board, has asked to be relieved of that appointment:

NOW THEREFORE

BE IT RESOLVED, That Mr. Pete Klisares be approved as a general public member of the University Hospitals Board for a term of three years, effective immediately, replacing Lloyd M. Parks who now resides in Tucson, Arizona; and

BE IT FURTHER RESOLVED, That Trustee Shirley D. Bowser be appointed effective immediately to fill Mr. Galbreath's term through April 30, 1984.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 8, 1983 meeting, Board of Trustees

## DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT

Resolution No. 84-9

Synopsis: Approval is being requested for awarding degrees and certificates for Summer Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on September 1, 1983, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Berry, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## PERSONNEL ACTIONS

Resolution No. 84-10

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Changes in Title, Appointments, Reappointment of Principal Administrative Official, Appointment of Chairpersons of Departments and Academic Faculties and Directors of Centers, Reappointment of Chairpersons of Departments, Medical Staff--Appointments and Reappointments for 1983-84, Leaves of Absence Without Salary, Professional Improvement Leave, Promotions/Tenure and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the June 9, 1983 meeting of the Board, including the following Changes in Title, Appointments, Reappointment of Principal Administrative Official, Appointment of Chairpersons of Departments and Academic Faculties and Directors of Centers, Reappointment of Chairpersons of Departments, Medical Staff--Appointments and Reappointments for 1983-84, Leaves of Absence Without Salary, Professional Improvement Leave, Promotions/Tenure and Emeritus Titles as detailed in the University Budget, be approved.

July 8, 1983 meeting, Board of Trustees

#### PERSONNEL ACTIONS (contd)

##### Changes in Title

Name: KATHRYN T. SCHOEN  
Title: Acting Dean  
College: Nursing  
Effective: Immediately  
Salary: \$61,440.00  
Present Positions: Vice President for Educational Services, Acting Director of University Communications, and Professor in the School of Allied Medical Professions, Department of Communication, and Academic Faculty of Educational Foundations and Research

Name: LENA BAILEY  
Title: Acting Dean  
College: Home Economics  
Effective: July 1, 1983  
Salary: \$63,000.00  
Present Positions: Acting Director/Professor, School of Home Economics and OARDC, and Professor, Department of Home Economics Education

Name: CLIVE W. DONOHO  
Title: Director  
Office: Ohio Agricultural Research and Development Center  
Effective: September 1, 1983  
Salary: N/A  
Present Position: Acting Director, OARDC

##### Appointments

Name: JACK M. HOLLANDER  
Title: Vice President for Research and Graduate Studies  
Office: Research and Graduate Studies  
Effective: September 1, 1983  
Salary: \$79,920.00  
Present Position: Director, Universitywide Energy Research Group, University of California; and Professor of Energy and Resources, University of California, Berkeley, California

Name: JOAN HUBER  
Title: Dean  
College: Social and Behavioral Sciences  
Effective: On or about October 1, 1983  
Salary: \$60,840.00  
Present Position: Head, Department of Sociology, University of Illinois, Urbana-Champaign, Illinois

July 8, 1983 meeting, Board of Trustees

## PERSONNEL ACTIONS (contd)

### Appointments (contd)

Name:	FREDERICK P. ZUSPAN
Title:	Chairman Professor (Richard L. Meiling Chair of Obstetrics and Gynecology)
Department:	Obstetrics/Gynecology
Effective:	August 1, 1983
Salary:	\$62,040.00
Present Position:	Chairman Professor, Department of Obstetrics and Gynecology

### Reappointment of Principal Administrative Official

JAMES E. MEEKS, Dean of the College of Law, effective July 1, 1983 through June 30, 1988, pursuant to rule 3335-3-17 of the Administrative Code.

### Appointment of Chairpersons of Departments and Academic Faculties and Directors of Centers

July 1, 1983 through June 30, 1987

Architecture	Robert S. Livesey
Management and Human Resources	H. Randolph Bobbitt, Jr.
Management Sciences	LeRoy J. Krajewski

September 1, 1983 through June 30, 1984

History of Art	Anne Morganstern*
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September 1, 1983 through August 31, 1984

Food Industries Center	Wilbur A. Gould
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October 1, 1983 through June 30, 1984

Center for Comparative Studies in the Humanities	Lee Brown*
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October 1, 1983 through June 30, 1987

Communication	William R. Brown
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### Reappointment of Chairpersons of Departments

July 1, 1983 through June 30, 1987

Aeronautical & Astronautical Engineering	Stuart L. Petrie
Veterinary Preventive Medicine	Richard Dorn
Welding Engineering	Karl F. Graff

\*Acting Chairperson or Director

July 8, 1983 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Leaves of Absence Without Salary

JOHN KARL JUDY, Professor, Department of Animal Science, effective June 13, 1983 through July 22, 1983, for personal reasons.

ALAN D. BEYERCHEN, Associate Professor, Department of History, effective Autumn and Winter Quarters, 1983-1984, to enable him to accept a Guggenheim Fellowship.

RONALD M. SOLOMON, Associate Professor, Department of Mathematics, effective Winter and Spring Quarters, 1984, to enable him to collaborate with other researchers at Rutgers University.

HAROLD EVERETT MAH, Assistant Professor, Department of History, effective Autumn Quarter, 1983 through Spring Quarter, 1984, to accept a postdoctoral fellowship from the University of British Columbia.

#### Professional Improvement Leave

HENRY G. CRAMBLETT, Pomerene Professor, College of Medicine - Administration, effective December 1, 1983, for one year.

#### Emeritus Titles

ALFRED C. CLARKE, Department of Sociology, with the title Professor Emeritus, effective October 1, 1983.

JOHN D. COWAN, JR., Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1983.

JOHN FREEMAN, Department of Art, with the title Professor Emeritus, effective July 1, 1984. (This is a correction of the effective date for this appointment).

RICHARD I. HANG, Department of Engineering Graphics, with the title Professor Emeritus, effective July 1, 1983.

JOHN E. HORROCKS, Department of Psychology, with the title Professor Emeritus, effective July 1, 1983.

NATHAN KEYFITZ, Department of Sociology, with the title Professor Emeritus, effective October 1, 1983.

TORRENCE A. MAKLEY, JR., Department of Ophthalmology, with the title Professor Emeritus, effective July 1, 1983.

July 8, 1983 meeting, Board of Trustees

#### PERSONNEL ACTIONS (contd)

##### Emeritus Titles (contd)

CHESTER I. RANGLES, Department of Microbiology, with the title Professor Emeritus, effective July 1, 1983.

EVELYN A. RUPERT, School of Health, Physical Education and Recreation, with the title Professor Emeritus, effective July 1, 1983.

JOHN V. SCHMIDT, Cooperative Extension Service, with the title Professor Emeritus, effective July 1, 1983.

HARTZEL C. SLIDER, Department of Chemical Engineering, with the title Professor Emeritus, effective July 1, 1983.

EDWARD V. TURNER, Department of Pediatrics, with the title Professor Emeritus, effective July 1, 1983.

EDWARD K. DAMON, Department of Electrical Engineering, with the title Associate Professor Emeritus, effective July 1, 1983.

ELEANOR R. DEVLIN, University Libraries, with the title Associate Professor Emeritus, effective July 1, 1983.

ROBERT B. LACKEY, Department of Electrical Engineering, with the title Associate Professor Emeritus, effective July 1, 1983.

DUANE B. LAU, Cooperative Extension Service, with the title Associate Professor Emeritus, effective July 1, 1983.

JACK R. PARRISH, College of Dentistry (Operative Dentistry), with the title Associate Professor Emeritus, effective July 1, 1983.

HARRY H. POSTLE, College of Dentistry (Operative Dentistry), with the title Associate Professor Emeritus, effective July 1, 1983.

HELEN E. STEVENS, School of Health, Physical Education and Recreation, with the title Associate Professor Emeritus, effective July 1, 1983.

ANGELENE C. PHILLIPS, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1983.

ROBERT E. OATES, Colleges of the Arts and Sciences - Administration, with the title Assistant Dean Emeritus, effective July 1, 1983.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 8, 1983 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM

Resolution No. 84-11

Synopsis: Resolutions honoring the service of three of the University's faculty members and one staff member who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Galbreath, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Perry R. Ayres, M.D.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 28, 1983 of Perry R. Ayres, M.D., Clinical Professor of Medicine and Preventive Medicine, The Ohio State University College of Medicine.

Born in Columbus, Ohio, on January 19, 1917, Perry Ayres received his B.A. degree from Oberlin College in 1938 and his M.D. from Western Reserve University in 1942. His clinical training in internal medicine at Syracuse, and Cleveland, was interrupted by three years of service as a Battalion Surgeon with the 4th Marine Division from 1943-46. He received the Bronze Star in 1945. Certified by the American Board of Internal Medicine, he entered a busy practice of medicine on State Street in Columbus. He served as a member of the clinical faculty in the Department of Medicine until 1973. From 1959-74 he was Editor of the Ohio State Medical Journal.

At about this time, he underwent the agony of serious medical difficulties and became personally well acquainted with the problems of the impaired physician. His perseverance enabled him to overcome these impairments and 1976 found him on the road back. He resumed his appointment in the Department of Medicine, became a staff internist and consultant on substance abuse at Harding Hospital, Worthington, and became a nationally known figure in the understanding of the physician impaired by psychiatric illness, alcoholism, and drug dependency. He spoke with authority and total conviction, and as a result became a speaker whose schedule took him from New England to California and the United Kingdom. He was named President of the Medical Staff of Harding Hospital, Chairman of the Physician Effectiveness Program for the Ohio State Medical Association and received several other distinguished service and teaching awards.

He is to be remembered as an excellent physician, an effective teacher, but particularly as a person who turned adversity into achievement. Dr. Ayres died suddenly while attending a reunion of his college class in Oberlin on May 28, 1983.

July 8, 1983 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Perry R. Ayres, M.D. (contd)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Frank Batley, M.D.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 25, 1983 of Frank Batley, M.D., Professor, Department of Radiology.

Frank Batley was born December 27, 1920, in Oldham in the North of England. He obtained a B.S. degree in Anatomy and Physiology in 1941 and his degree in Medicine from the University of Manchester in 1944.

From 1945 to 1947 he was on active duty in the Royal Air Force and it was during this period that one of his superior officers encouraged him to become a Radiation Therapist. Shortly after his discharge from the armed forces he returned to the Christie Hospital and Holt Radium Institute, Manchester, which was at that time one of the three outstanding cancer institutions in the western hemisphere. In 1950 he was involved in research using radioactive isotopes and in the early 1950's the first external beam cobalt units were used in Canada but there were few radiotherapists in Canada familiar with the use of this isotope. Dr. Batley was invited by the Ontario Cancer Foundation to assist in the use of this apparatus and most probably he delivered the first cobalt 60 treatment in the world to a patient with head and neck cancer in October, 1951 at the Victoria Hospital in London, Ontario. He intended to return to England in 1952; however, he went as Deputy Director to the Ontario Cancer Foundation Branch in Hamilton from 1952 to 1956. He was appointed Chief of Radiotherapy at The Ohio State University in 1957 but due to unforeseen Ohio Licensing difficulties he returned to Canada to the Ontario Cancer Foundation at Kingston as Deputy Director from 1957 to 1959. From 1959 to 1967 he was Chief of Radiotherapy at the State University of New York in Syracuse.

In 1967 he was appointed Director of Radiation Oncology at the University Hospitals and as Professor of Radiology in the College of Medicine and served in this capacity until his death. He served on many committees including the Statistical Committee of the National Cancer Institute of Canada from 1954 to 1959 and the Executive and Radiation Therapy Committee of the Southwest Oncology Group. He was a member of the Board of Directors of the Franklin County Unit of the American Cancer Society as well as the Professional Education Committee and Service Committee for this Society.

Dr. Batley was the recipient of the Royal College of Surgeons of England Ninth McClockland Scholar Award and was a Fellow of the American College of Radiology. He was an excellent teacher and was very interested in the education of medical students and resident physicians. In the Columbus community he was highly respected and eagerly sought after as a consultant in radiotherapy. His publications indicated a wide range of interests. His con-

July 8, 1983 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Frank Batley, M.D. (contd)

tributions to the field of Radiation Oncology were of significant importance and the field of Radiation Oncology has lost a careful clinical investigator, good physician and widely respected teacher and friend.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Paul D. Morrill

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 25, 1983, of Paul D. Morrill, former Assistant University Architect.

Born February 17, 1910 in Springfield, Illinois, Mr. Morrill was graduated from the University of Pennsylvania, School of Fine Arts, Sigma Alpha Epsilon. He was a registered Architect in the State of Ohio and was employed at this University in various positions in the Office of the University Architect. Mr. Morrill began his service with the University in 1934 and was retired in 1967. Among his many job responsibilities was his assignment as Assistant University Architect from 1960 to 1967 and he was considered the Chief Designer of many campus buildings from 1940 to 1967. He was especially involved in the design development of the South and North area Dormitories on the Columbus Campus.

Perhaps of widest public recognition are Paul Morrill's sketches and drawings. He was internationally known for his pencil renderings of Ohio State University landmarks. These renderings have appeared in many publications and have been used extensively by the O.S.U. Development Fund. Many of Mr. Morrill's sketches and watercolors are to be found in private and public collections around the world. He made gifts of his work to the University and presented a permanent collection of his watercolors to the Columbus Cultural Arts Center.

Mr. Morrill was a member of the Clintonville Art Guild, The Ohio State University Faculty Club, and the Columbus Athletic Club.

On behalf of the University community, the Board of Trustees expresses to Mr. Morrill's family its heartfelt sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.



July 8, 1983 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Carl F. Ruff

The Board of Trustees of The Ohio State University expresses sorrow upon the death on June 10, 1983 of Carl F. Ruff, Associate Professor and Area Extension Agent, Farm Management.

Mr. Ruff was born April 5, 1930 in Lancaster, Ohio. Graduating from Lancaster High School in 1948, he enrolled at The Ohio State University and received his Bachelor of Science degree in Agricultural Education in 1953. He returned to OSU in 1963 and earned a Master's degree in Agricultural Education.

After serving in the U. S. Army, Mr. Ruff joined the faculty of The Ohio State University as Associate County Extension Agent in Union County on May 16, 1955. He held this position until June 1, 1962 when he became the County Extension Agent, Agriculture in Ottawa County. On April 1, 1980 he became the Area Extension Agent, Farm Management in the Fremont Area and was serving in this position at the time of his death.

Mr. Ruff provided leadership for various Extension activities. He was a highly respected and dedicated agricultural educator for the Extension Service and was well known and respected among his peers in Ohio and throughout the United States as he was a well recognized leader in the National Association of County Agricultural Agents.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Ruff its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family, the Fremont area community and the University have sustained.

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## ADMINISTRATIVE REORGANIZATION

President Jennings made the following statement:

Mr. Chairman, with the action of the Board approving Kathryn Schoen's appointment to the College of Nursing and with the elimination of Educational Services (as you know, several of the functions of the Office of Educational Services have been disbursed previously), there remain two offices that are currently located in Educational Services which must be assigned a new reporting relationship. With this in mind, effective immediately we will charge Mr. Dick Jackson to be responsible for the Fawcett Center and we will charge Mr. Larry Thompson to be responsible for WOSU. I think both of these individuals and both of these units are outstanding units today, and because of Kathryn's great work I think the tasks of Dick and Larry will be rather straightforward in this, and I look forward to good things to come.

July 8, 1983 meeting, Board of Trustees

#### ADMINISTRATIVE REORGANIZATION (contd)

I'd like to make another comment, too. By and large, with the appointments you've made today, we have completed the reorganization of the central administrative staff. We still, obviously, have the Vice Provost for Student Affairs position to fill. I think it's fair to say that I, the faculty and the entire University community are very pleased with the results of this very lengthy search process. We've put together a central administration team that, working with the deans and faculty, I believe, will move Ohio State University even higher within the ranks of some of the nation's great universities.

I do wish to note that these senior administrative appointments, which have been made over the past several months, might be criticized because they do not include women or minorities. As you know, I have urged the University community to give particular emphasis to the hiring of women and minorities in our recruitment efforts not only at my level, but at all levels throughout the institution. The committees which recommended the senior administrative appointments to me were extremely diligent in seeking such candidates--it included on the committees themselves, incidentally, significant numbers of women and minorities. Those committees indeed did do nationwide searches on each of the positions. Women and minorities were indeed interviewed, but the committees recommended and I concurred, that the best candidates did not include individuals from these groups. And, we indeed were seeking the best candidates and I believe we have obtained the best candidates. But I would like to take this opportunity to assure you and the entire Ohio State University community that the outcome of our selection process does not signal a loss of commitment to affirmative action objectives. The recruitment of women and minorities onto our staff, to our faculty, to our student body, will continue to be a top priority in this institution and certainly will continue to be in my administration, and I appreciate the Board's support of that position as well.

Mr. Scott added:

I might note, Mr. President, that looking through your agenda today, I think it is a historic first that there are three deans being named--or acting deans--and all three are women.

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#### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS Resolution No. 84-12

Synopsis: The reports on contracts, grants, and gifts and the summary for May, 1983 are presented for Board acceptance.

July 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund during the month of May, 1983, be approved.

Upon motion of Mr. Berry, seconded by Mr. Immke, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

President Jennings made the following statement:

Mr. Chairman, on that note, it should be noted that our preliminary information indicates that for the year 1982-83, the Research Grants and Contracts total \$84.7 million, which is up from 1981-82 of a total of \$75 million or almost a 13 percent increase. I point that out because that has been accomplished during a period of time when the Federal government awarding on a national basis of research grants and contracts has been going down in this fiscal year and Ohio State has experienced a 13 percent increase. And I think that all of our faculty and the Office of Research and Graduate Studies, OSURF, the entire University community should be very, very proud of that. We have bucked the national trends in a very, very substantial way. One of the great significant accomplishments for Ohio State and I'm very proud of what our people have done.

### SUMMARY FOR MAY 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	84	\$3,485,778.78
Engineering Experiment Station	33	\$ 142,113.00
Ohio Agricultural Research and Development Center	1	\$ 2,300.00
		\$3,630,191.78

July 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### SUMMARY FOR MAY 1983 (contd)

#### The Ohio State University Development Fund

##### Establishment of Named Funds

Dr. Roger C. and Margery W. Henderson Memorial Fund in the College of Agriculture (College of Agriculture)	\$ 79,648.06
Dr. Roger C. and Margery W. Henderson Memorial Fund in the College of Medicine (College of Medicine)	\$ 79,648.06
The Charles W. Medick Memorial Scholarship Fund (Undergraduate Scholarships for Sight- less Students)	\$ 25,000.00
George R. Gist Graduate Scholarship Fund in Extension Education (Department of Agricultural Education)	\$ 5,000.00
The Erma and Paul R. Nicely Scholarship Fund (Scholarships Hardin County)	\$ 5,000.00
J. McLean Reed Music Fund (Lima Campus Music Programs)	\$ 5,000.00

##### Change in Description of Named Fund

##### Morgan Memorial Scholarship Fund

##### Report from Presidents Club

Members to date	4,596
1983 members: year to date	54
New members - May 1983	11

##### New Presidents Club Members - May 1983

Arthur J. Arnold	Clarissa Ann Rapp
Paul A. Donald	Bethann K. Sprague
Harold A. James	(Mrs. Michael S.)
James D. Haldeman	Thomas H. Timmer
Calvin M. Kunin, M.D.	Howard W. Tuttle
Rick R. Pinson	Edson H. Wilson

July 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - May 1983

Federal Research Contracts/Grants

\$300,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics at Low and Intermediate Energies, Including Investigations of Fundamental Symmetries and Nuclear Astrophysics, Department of Physics (R. N. Boyd, T. R. Donoghue, S. L. Blatt, H. J. Hausman and E. R. Sugarbaker), 1 May 1983 through 30 April 1984. (Project 763126 - Continuation)

\$164,453.00 - National Science Foundation, Washington, D. C., Ice Dynamics on the Marie Byrd Land Slope: A Part of WISP, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), 1 June 1983 through 31 May 1984. (Project 763556 - New)

\$129,048.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Polycondensed Alicyclics and Their Antiviral Role, Department of Chemistry (L. A. Paquette), 1 May 1983 through 30 April 1984. (Project 763920 - Continuation)

\$121,872.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study of the Clinical Pharmacokinetics of Anticancer Drugs, College of Pharmacy (L. Malspeis), 1 March 1983 through 30 April 1984. (Project 761128 - Continuation)

\$110,626.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Prostaglandin Control of Macrophage Antitumor Activity, Department of Microbiology and Cancer Research Center (B. S. Zwillig) and Department of Pharmacology (R. Fertel), 1 June 1983 through 31 May 1984. (Project 763192 - Continuation)

\$95,000.00 - National Science Foundation, Washington, D. C., Syntheses and Studies of Selected Metal Carbonyl and Metalloborane Cluster Systems, Department of Chemistry (S. G. Shore), 1 September 1983 through 31 August 1984. (Project 761767 - Continuation)

\$92,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Microstructure Development and Failure Mechanisms of Ceramic Capacitor Dielectrics, Department of Ceramic Engineering (D. W. Readey), 1 May 1983 through 30 September 1983. (Project 763540 - New)

July 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$89,318.00 - National Science Foundation, Washington, D. C., Early Tertiary Biogeography of the High Arctic, Institute of Polar Studies (W. J. Zinsmeister), 1 June 1983 through 31 May 1984. (Project 763562 - New)

\$75,000.00 - National Science Foundation, Washington, D. C., American Lakes: Comparative and Paleolimnological Analysis to Test Hypotheses, Department of Zoology (P. A. Colinvaux), 1 June 1983 through 31 May 1984. (Project 762634 - Continuation)

\$75,000.00 - National Science Foundation, Washington, D. C., Kinetics and Mechanism of the Passivation of Iron in Various Electrolytes, Department of Metallurgical Engineering (S. Smialowska), 1 June 1983 through 29 February 1984. (Project 763539 - New)

\$73,215.00 - Department of Energy, Argonne, Illinois, Chemo-radiotherapy of Cancer Using Boronated Monoclonal Antibodies, College of Pharmacy (A. H. Soloway) and Department of Pathology (R. F. Barth), 1 April 1983 through 31 March 1984. (Project 763051 - Continuation)

\$71,550.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Biomedical Computing and Information Processing, College of Medicine - Administration (G. L. Trzebiatowski) and Department of Computer and Information Science (A. E. Petrarca), 1 July 1983 through 30 June 1984. (Project 761133 - Continuation)

\$71,509.00 - National Science Foundation, Washington, D. C., Environment and Climate of the American Equator Since 18K, Department of Zoology, (P. A. Colinvaux), 1 July 1983 through 30 June 1984. (Project 763164 - Continuation)

\$67,000.00 - National Science Foundation, Washington, D. C., A Resonance Study of Molecular and Atomic Excitations in the Solid Hydrogens, Department of Physics (J. R. Gaines), 1 July 1983 through 30 June 1984. (Project 762786 - Continuation)

\$65,910.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Chemical Modification of Plastocyanin, Department of Biochemistry (E. L. Gross), 1 May 1983 through 30 April 1984. (Project 763080 - Continuation)

July 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$63,196.00 - Department of Energy, Argonne, Illinois, Development of Genetic Systems for Analysis of the Obligate Anaerobe Methanobacterium ruminantium PS, Department of Microbiology (J. N. Reeve and J. L. Frea), 1 July 1983 through 30 June 1984. (Project 762755 - Continuation)

\$61,799.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Studies on the Dextran Sucrase of Streptococcus Sanguis, Department of Chemistry (R. M. Mayer), 1 July 1983 through 30 June 1984. (Project 760160 - Continuation)

\$57,746.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Effects of Dietary Change on Lipid Biosynthesis, Department of Physiological Chemistry (H. W. Sprecher), 1 May 1983 through 30 April 1984. (Project 764415 - Continuation)

\$54,000.00 - National Science Foundation, Washington, D. C., Cleanliness of Steel, Department of Metallurgical Engineering (Y. Sahai), 1 September 1983 through 31 August 1985. (Project 763550 - New)

\$53,900.00 - National Science Foundation, Washington, D. C., Kinetic and Heat Transfer Studies of Polymer Reaction Molding, Department of Chemical Engineering (L. J. Lee), 1 June 1983 through 31 May 1985. (Project 763585 - New)

\$53,700.00 - National Science Foundation, Washington, D. C., Spectroscopic Studies of Active Galaxies and Quasi-Stellar Objects, Department of Astronomy (B. M. Peterson), 1 April 1983 through 31 March 1984. (Project 763049 - Continuation)

\$48,000.00 - National Science Foundation, Washington, D. C., The Effects of Reduction in Strain Rate on High Rate Plastic Deformation of Metals, Department of Engineering Mechanics (A. Gilat), 1 July 1983 through 30 June 1985. (Project 763543 - New)

\$48,000.00 - National Science Foundation, Washington, D. C., Thermo-Mechanical Response of Fluid-Filled Poroelastic Solids, Department of Engineering Mechanics (N. Katsube), 1 October 1983 through 30 September 1985. (Project 763542 - New)

\$47,432.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Lung CO<sub>2</sub> Receptors and Ventilatory Control, Department of Anesthesiology (R. D. Tallman), 1 May 1983 through 30 April 1984. (Project 763073 - Continuation)

July 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$46,900.00 - National Science Foundation, Washington, D. C., Geometric Topology and Homotopy Theory, Department of Mathematics (D. Burghlea, J. A. Neisendorfer and M. W. Davis), 1 July 1983 through 30 June 1984. (Project 762777 - Continuation)

\$34,257.00 - Department of Energy, Sandia National Laboratories, Albuquerque, New Mexico, Design and Fabricate a Remotely Piloted Miniature Aircraft for Instrumentation Evaluation in Flight, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek), 12 April 1983 through 31 January 1984. (Project 763545 - New)

\$31,160.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Development of a Field-Based Preparation Program in Special Education Administration and Supervision, Academic Faculty of Exceptional Children (R. H. Swassing), 1 June 1983 through 31 May 1984. (Project 763165 - Continuation)

\$30,000.00 - Department of Energy, Pittsburgh Energy Technology Center, Pittsburgh, Pennsylvania, Fundamental Analysis of High Pressure Fluidization, Department of Chemical Engineering (L. S. Fan), 19 May 1983 through 18 May 1984. (Project 763587 - New)

\$25,450.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Fogarty International Center, Bethesda, Maryland, Fogarty International Fellowship, Department of Chemistry (H. G. Floss), 1 September 1983 through 31 August 1984. (Project 763590 - New)

\$18,338.00 - National Science Foundation, Washington, D. C., Charm and  $\beta$  Decays Via Hadronic Production in a Hybrid Emulsion Spectrometer, Department of Physics (N. W. Reay), 1 April 1983 through 31 March 1985. (Project 763566 - New)

\$17,633.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Construction of Vehicle Tracking System, Phase II, Department of Electrical Engineering, ElectroScience Laboratory (D. E. Svoboda), 1 January 1983 through 30 September 1983. (Project 763034 - Continuation)

\$15,682.00 - National Science Foundation, Washington, D. C., The Application of AC Impedance Techniques for the Study of Passive Films on Metal Surfaces, Department of Metallurgical Engineering (D. D. Macdonald), 1 May 1983 through 30 April 1986. (Project 763541 - New)



July 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$15,000.00 - Department of the Army, Army Material Command, Army Armament Research and Development Command, Dover, New Jersey, Approaches to the Synthesis of Nitro Derivatives of Decahedrane, Department of Chemistry (L. A. Paquette), 18 May 1983 through 17 November 1983. (Project 763574 - New)

\$13,438.00 - National Science Foundation, Washington, D. C., Orthogonal Polynomials and Interpolation, Department of Mathematics (P. Nevai), 1 June 1983 through 31 May 1984. (Project 763583 - Continuation)

\$11,900.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Hyattsville, Maryland, Traineeships, Graduate Health Administration Programs (Formula), College of Medicine - Administration (S. F. Loebs), 1 July 1983 through 30 June 1984. (Project 763538 - Continuation)

\$10,000.00 - Department of the Army, Army Material Command, Army Armament Research and Development Command, Dover, New Jersey, Aza and Polyaza Cage Molecules, Department of Chemistry (L. A. Paquette), 16 May 1983 through 15 August 1983. (Project 763568 - New)

\$7,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, A Search for Molecular Absorption Features in the Photospheric Spectra of Cool Stars, Department of Astronomy (R. F. Wing), 1 June 1983 through 31 May 1984. (Project 761634 - Continuation)

\$5,560.00 - National Science Foundation, Washington, D. C., Systematics and Evolution of Aeonium Webb and Berth (Crassulaceae, Sempervivoideae), Department of Botany (T. F. Stuessy), 1 May 1983 through 30 April 1985. (Project 763569 - New)

\$5,000.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Measurement Methodology of Impact Devices, Department of Mechanical Engineering (R. Singh and N. Berme), 1 April 1983 through 30 June 1983. (Project 763036 - Continuation)

\$4,273.00 - Environmental Protection Agency, Chicago, Illinois, Acid Deposition Monitoring Program for Western Lake Erie, Center for Lake Erie Area Research (C. E. Herdendorf), 1 July 1983 through 30 June 1984. (Project 763579 - New)

\$812.00 - National Science Foundation, Washington, D. C., Travel to Attend: The XVI European Congress on Molecular Spectroscopy; Sofia, Bulgaria; September 12-16, 1983, Department of Physics (K. N. Rao), 1 May 1983 through 30 April 1984. (Project 763554 - New)

TOTAL - FEDERAL AWARDS

\$2,381,677.00

July 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants

\$86,175.00 - Ohio Board of Regents, Columbus, Ohio, Ohio Vietnam Veterans Medical Examination Reporting Program, Cancer Research Center (N. A. Reiches) and Department of Preventive Medicine (J. V. Gaueman and J. R. Wilkins, III), 1 April 1983 through 30 June 1984. (Project 763586 - New)

\$67,921.60 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1982 through 30 September 1983. (Project 764100 - Continuation)

\$14,978.00 - The Ohio Humanities Council, Columbus, Ohio, Women's Voices, Center for Women's Studies (M. Longenecker), 5 March 1983 through 31 July 1983. (Project 763570 - New)

\$10,356.00 - State of Ohio, Department of Mental Health, Office of Program Evaluation and Research, Columbus, Ohio, Right to Refuse Treatment: Court Ordered Reform at Lima State Hospital, Department of Sociology (D. R. Longmire), 1 July 1983 through 30 September 1983. (Project 763327 - Continuation)

\$3,739.86 - State of Ohio, Ohio Department of Mental Health, Columbus, Ohio, Stress and Control in a Geriatric Population: Implications for Mental and Physical Health, Department of Psychiatry (J. K. Kiecolt-Glaser), 1 April 1983 through 30 June 1983. (Project 763516 - New)

\$1,500.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, The Development and Dissemination of a Recruitment Brochure for Male and Female Prospective Teachers in Industrial Arts Education, Academic Faculty of Industrial Technology (E. K. Blankenbaker and M. L. Scott), 1 May 1983 through 30 September 1983. (Project 763561 - New)

\$1,000.00 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Home Economics Promotional and Recruitment Brochure and Poster, Department of Home Economics Education (R. E. Dohner), 1 July 1982 through 30 June 1983. (Project 763547 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 185,670.46

Industrial Research Contracts/Grants

\$137,000.00 - Summa Medical Corp., Inc., Albuquerque, New Mexico, Anticancer Applications of an Anti-hCG Vaccine, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1983 through 30 June 1984. (Project 763589 - New)

July 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$134,173.00 - Hill's Pet Products, Inc., Topeka, Kansas, Mode of Action, Toxicity and Formulation of Insecticide Containing Citrus Products, Components of Citrus Products and/or Materials Related Thereto or Derived Therefrom, Department of Entomology (W. F. Hink), 1 May 1983 through 30 April 1985. (Project 763551 - New)

\$34,498.00 - Carolina Power and Light Company, New Hill, North Carolina, Developmental Abnormalities in Bluegill from a High Selenium Reservoir, Department of Zoology (C. T. Singley), 15 May 1983 through 15 January 1985. (Project 763577 - New)

\$26,852.00 - Liebert Corp., Columbus, Ohio, Design and Development of a User's Installation, Calibration, and Service Manual for the Micro-Controlled "Site Master" Monitoring System, College of Education - Administration (J. J. Buffer), 11 April 1983 through 31 July 1983. (Project 763537 - New)

\$26,688.00 - General Electric Company, Syracuse, New York, Design of Support Structure for Low RCS Targets, Department of Electrical Engineering, ElectroScience Laboratory, (J. D. Young), 1 April 1983 through 30 June 1983. (Project 763555 - New)

\$10,000.00 - Brunswick Corp., Marion, Virginia, Design and Calculate Four Panels, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 22 March 1983 through 20 June 1983. (Project 763588 - New)

\$8,667.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass and J. L. Plouffe), 1 March 1982 through 30 April 1983. (Project 763020 - Continuation)

\$7,800.00 - Smith Kline & French Laboratories, Philadelphia, Pennsylvania, Expansion Clinical Use of "Ridaura" (Auranofin), Department of Medicine (R. L. Whisler), 14 January 1983 through 30 June 1983. (Project 763125 - Continuation)

\$4,795.00 - Litton Bionetics, Inc., Charleston, South Carolina, Development and Production of Mycoplasma Antigens, Department of Medical Microbiology and Immunology (N. L. Somerson), 23 May 1983 through 29 February 1984. (Project 763571 - New)

\$318.00 - CGS Corp., Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1983 through 31 December 1984. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 390,791.00

July 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Other Non-Federal Research Contracts/Grants

\$135,000.00 - Leukemia Society of America, Inc., New York, New York, Pathobiology of Feline Leukemia Virus-Initiated, Nonproducer Lymphomagenesis, Department of Veterinary Pathobiology (J. L. Rojko), 1 July 1983 through 30 June 1988. (Project 763575 - New)

\$51,375.00 - Robert L. Letcher, M.D., New York, New York, Studies of Enzymatic Effects on Blood Protein Concentrations, College of Pharmacy (J. W. Williams), 1 June 1983 through 31 May 1984. (Project 763565 - New)

\$37,972.00 - Council on International Educational Exchange, New York, New York, Japanese English Teachers Workshop, Department of English (B. S. Sutton), 13 April 1983 through 31 December 1983. (Project 763546 - New)

\$34,595.00 - Battelle Memorial Institute, Columbus, Ohio, Relation between Microstructure and Fracture Toughness in a High Toughness, Complex, Low Alloy Steel, Department of Metallurgical Engineering (J. P. Hirth), 13 May 1983 through 31 December 1983. (Project 763047 - Continuation)

\$30,000.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Task Visibility and Worker Productivity under Selected Light Sources Having Restricted Spectral Distributions, Department of Microbiology (H. R. Blackwell), 22 January 1982 through 31 August 1983. (Project 763072 - Continuation)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Alfred P. Sloan Research Fellowship, Department of Mathematics (P. D. Seymour), 16 September 1983 through 15 September 1985. (Project 763559 - New)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Alfred P. Sloan Research Fellowship, Department of Physics (T. R. Lemberger), 16 September 1983 through 15 September 1985. (Project 763560 - New)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Fellowship for Basic Research, Department of Chemistry (D. J. Hart), 16 September 1983 through 15 September 1985. (Project 763557 - New)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Fellowship for Basic Research, Department of Chemistry (M. D. Tsai), 16 September 1983 through 15 September 1985. (Project 763558 - New)

July 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$22,664.00 - San Diego State University Foundation, San Diego, California, Field and Laboratory Investigations of Soils at Eagle Creek and Other Selected Areas, Institute of Polar Studies (K. R. Everett), 1 May 1983 through 30 April 1984. (Project 763109 - Continuation)

\$19,603.00 - Purdue University, West Lafayette, Indiana, Improving the Geological Interpretation of Magnetic and Gravity Satellite Anomalies, Department of Geology and Mineralogy (R. R. B. von Frese), 1 April 1983 through 31 March 1984. (Project 763567 - New)

\$19,461.00 - Stiftung Volkswagenwerk, Hanover, West Germany, The 1982 Spanish Elections: The Consolidation of a New Democracy, Department of Political Science (R. P. Gunther, G. A. Sani and G. Shabad), 1 April 1983 through 31 May 1985. (Project 763517 - New)

\$16,800.00 - Ohio Wesleyan University, Delaware, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 1 August 1983 through 15 June 1984. (Project 763578 - Continuation)

\$12,000.00 - City of Columbus, Division of Sewage and Drainage, Columbus, Ohio, Utilization of Composted Municipal Sludge in Container Media, Department of Plant Pathology (OARDC) (H. A. J. Hoitink), 17 March 1983 through 16 March 1984. (Project 763564 - New)

\$10,000.00 - National Kidney Foundation of Central Ohio, Columbus, Ohio, Factors That Modulate the Severity of Acute Renal Injury, Department of Medicine (R. A. Zager), 1 July 1983 through 30 June 1984. (Project 763549 - New)

\$6,000.00 - Catholic Social Services, Inc., Columbus, Ohio, SHARE Internship Project, Academic Faculty of Special Services (J. J. Quaranta), 18 October 1982 through 15 July 1983. (Project 763572 - New)

\$5,503.00 - Ohio Dominican College, Columbus, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 15 August 1983 through 31 May 1984. (Project 763580 - Continuation)

\$5,310.00 - American Legion Child Welfare Foundation, Inc., Indianapolis, Indiana, Hopscotch, Kool-Aid, Piano Lessons, Fatso, Four Eyes, and ...DUMMY, College of Social Work (J. P. Bendekovic), 1 July 1983 through 31 December 1983. (Project 763584 - New)

July 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Other Non-Federal Research Contracts/Grants (contd)

\$4,500.00 - The Swann Foundation for Caricature and Cartoon, New York, New York, Festival of Cartoon Art, University Libraries (L. S. Caswell), 1 June 1983 through 31 December 1983. (Project 763553 - New)

\$4,000.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, NSABP Colo-Rectal Protocol, Cancer Research Center and Department of Medicine (J. A. Neidhart) and Department of Surgery (W. B. Farrar), 1 July 1982 through 31 January 1983. (Project 763581 - New)

\$3,872.00 - Cancer Therapy and Research Center, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. O'Toole), 1 January 1983 through 31 December 1983. (Project 761460 - Continuation)

\$2,500.00 - Greater Columbus Arts Council, Columbus, Ohio, Festival of Cartoon Art, University Libraries (L. S. Caswell), 1 June 1983 through 31 December 1983. (Project 763544 - New)

\$2,000.00 - Community College of Rhode Island, Warwick, Rhode Island, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 June 1984. (Project 763548 - Continuation)

\$2,000.00 - Cuyahoga Community College, Cleveland, Ohio, National Alliance of Postsecondary Education Institutions/Districts (R. E. Taylor), 1 July 1982 through 30 June 1983. (Project 763137 - Continuation)

\$1,500.00 - Arizona State University, Tempe, Arizona, Technical Assistance for the Arizona State University, The National Center for Research in Vocational Education (R. E. Taylor), 1 May 1983 through 30 June 1983. (Project 768046 - New)

\$985.32 - Minneapolis Community College, Minneapolis, Minnesota, Technical Assistance for the Minneapolis Community College, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1983 through 31 May 1983. (Project 768042 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 527,640.32

### ENGINEERING EXPERIMENT STATION

#### Industrial and Other Sponsored Research and Development

\$142,113.00 - Thirty-two sponsors of 33 development projects under the direction of seven departments of the College of Engineering.

July 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

#### Federal Contract/Grant

\$2,300.00 - National Park Service, Denver, Colorado, support of a study on analyses of tree-ring data in the Cuyahoga Valley National Recreation Area, Department of Forestry, April 19 to December 31, 1983. (Contract No. P.O. PX2000-3-0760)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Report - March 1983

#### Gifts of \$5,000 or More

\$52,365.82	Guy Jackson Trust, Chicago, Illinois, for The Ohio State National Merit Scholarship Fund.
\$30,000.00	Battelle Memorial Institute, Columbus, Ohio--\$25,000.00 for WOSU Support Fund and \$5,000.00 for John Camiscioni Memorial Scholarship Fund for Medical Education.
\$28,000.00	TRW Foundation, Cleveland, Ohio--\$10,000.00 for TRW Grant in Industrial and Systems Engineering; \$10,000.00 for Advanced Design Methods Laboratory in Mechanical Engineering; \$5,000.00 for the Capital Campaign in Industrial Systems; and \$3,000.00 for TRW Fellowship Grant in Metallurgical Engineering.
\$23,085.00	C. F. High Foundation, Bucyrus, Ohio, for the Charles F. High Foundation Scholarship Fund.
\$20,000.00	Amoco Foundation, Inc., Chicago, Illinois, for Amoco Faculty Development Fund/Chemical Engineering.
\$18,053.00	University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.
\$17,435.00	Grace Washburn Trust, Bucyrus, Ohio, for the Grace High Washburn Trust Scholarship Fund.
\$14,500.00	St. Joe Minerals, New York, New York, for the St. Joe Minerals Fellowship.
\$14,211.06	Systems Associates, Columbus, Ohio, for Cardiology Support Fund.
\$12,500.00	Adria Labs, Inc., Columbus, Ohio, for Cardiovascular Research.
\$11,640.00	Big Drum, Inc., Columbus, Ohio, for Big Drum, Inc. Graduate Research Fund.

July 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)  
THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$11,250.00	E. F. Wildermuth Foundation, Columbus, Ohio, for the E. F. Wildermuth Memorial Scholarship Fund.
\$10,500.00	F & R Lazarus Co., Columbus, Ohio, for Student Athlete Grant-in-Aid.
\$10,000.00	Pulmonary Associates, Columbus, Ohio, for Pulmonary General Fund.
\$ 8,000.00	Ohio Farm and Grain Supply, Fostoria, Ohio, for Cooperative Business.
\$ 7,534.95	Dr. Susan Benes, Columbus, Ohio, for the Ophthalmology Teaching Fund.
\$ 7,500.00	Agronomic Research Foundation, Inc., Atlanta, Georgia, for Potash & Phosphate Institute.
\$ 7,000.00	Eli Lilly & Company, Indianapolis, Indiana, for Eli Lilly & Co. Organic Chemical Research Fund.
\$ 7,000.00	Wendy's International, Inc., Dublin, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 6,191.00	Antique Show and Sale, Columbus, Ohio, for Presidents Club Special Fund.
\$ 6,000.00	Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.
\$ 5,713.94	Merrymakers Club, Columbus, Ohio, for National Achievement/Merrymakers.
\$ 5,500.00	TRW, Inc., Cleveland, Ohio--\$5,000.00 for Capital Campaign in Industrial Systems and \$500.00 for College of Engineering Campaign.
\$ 5,100.00	Tech Advances, Inc., Columbus, Ohio--\$4,700.00 for O.S.U. and \$400.00 for Anatomy Support Fund.
\$ 5,000.00	Pfizer, Inc., Agricultural Division, Lees Summit, Missouri, for Pfizer Research Fund.
\$ 5,000.00	Total Communications Systems, New Kensington, Pennsylvania, for the OSU Scholarship Fund.
\$ 5,000.00	University Renal Group, Columbus, Ohio, for Renal Disease Research Fund.
\$ 5,000.00	Preston Wolfe, Columbus, Ohio, for the Ohio 4-H Foundation Support Fund.



July 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds

##### Dr. Roger C. and Margery W. Henderson Memorial Fund in the College of Agriculture

The Dr. Roger C. and Margery W. Henderson Memorial Fund in the College of Agriculture was established July 8, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Dr. Roger C. Henderson, Xenia, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support research programs and/or merit scholarships in the College of Agriculture as determined by the Dean of the College of Agriculture in consultation with the appropriate academic and scholarship officials of the College.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then directly responsible for agricultural education and the College of Agriculture.

##### Dr. Roger C. and Margery W. Henderson Memorial Fund in the College of Medicine

The Dr. Roger C. and Margery W. Henderson Memorial Fund in the College of Medicine was established July 8, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Dr. Roger C. Henderson, Xenia, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support research programs and/or merit scholarships in the College of Medicine, Department of Ophthalmology, as determined by the Chairman of the Department and the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then directly responsible for ophthalmology education and the College of Medicine.

July 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Charles W. Medick Memorial Scholarship Fund

The Charles W. Medick Memorial Scholarship Fund was established July 8, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Evelyn Neer Medick.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for undergraduate scholarships, with preference given to sightless students when possible, but unrestricted as to college, school or department. The selection of the recipients is to be made upon the recommendation of the University Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official(s) of the University then directly responsible for student assistance.

##### George R. Gist Graduate Scholarship Fund in Extension Education

The George R. Gist Graduate Scholarship Fund in Extension Education was established July 8, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University through The Ohio State University Development Fund by George R. Gist, Acting Director of the Ohio Cooperative Extension Service, who has served as a faculty member of The Ohio State University for 36 years.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income is to be used to support graduate research and extension education within the Department of Agricultural Education in the College of Agriculture and Home Economics. The funds may be used to provide tuition, professional and research related travel, costs associated with data collection and analysis, or other graduate program expenses relating to extension education. The Chairman of the Department shall be responsible for administering the funds.

July 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### George R. Gist Graduate Scholarship Fund in Extension Education (contd)

Should the need for these funds cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the Chairman of the Department of Agricultural Education and the Director of the Ohio Cooperative Extension Service.

##### The Erma and Paul R. Nicely Scholarship Fund

The Erma and Paul R. Nicely Scholarship Fund was established July 8, 1983, by the Board of Trustees of The Ohio State University with gifts from Paul (Class of '50, Optometry) and Erma Nicely to The Ohio State University Development Fund.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for a full-time enrolled student at The Ohio State University. The recipient shall be a graduate of a Hardin County High School and a resident of Hardin County. This scholarship is established to assist a student or students who have demonstrated academic ability and/or need for financial assistance.

The selection of the recipient shall be made by the Hardin County High School Principals and the Hardin County OSU Alumni Club in conjunction with the University Committee on Student Financial Aids.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with the recommendations from the University Scholarship Committee and the Office of Student Financial Aids.

##### J. McLean Reed Music Fund

The J. McLean Reed Music Fund was established July 8, 1983, by the Board of Trustees of The Ohio State University with gifts from family and friends of Dr. J. McLean Reed. The fund recognizes the dedication and the support given to the music program at The Ohio State University at Lima by J. McLean Reed.

The original gifts and all subsequent gifts to this fund are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

July 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### J. McLean Reed Music Fund (contd)

The annual income is to be used in support of music programs at The Ohio State University at Lima. A portion of the annual income will be used to provide annual scholarship(s) to a student(s) who demonstrate leadership and excellence in music. A portion of the income may also be used to encourage programs that support music activities at The Ohio State University at Lima. All expenditures must be approved by the Dean of the Lima Campus.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference given to the recommendations of the Dean of the Lima Campus.

#### Change in Description of Named Fund

##### Morgan Memorial Scholarship Fund

The Morgan Memorial Scholarship Fund was established September 5, 1980, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Morgan Lumber Sales Company and other friends in tribute to its founders, Walter E. and Elizabeth S. Morgan.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income shall be added to the principal until the fund reaches \$5,000. At that time, the annual income shall be used to provide scholarship support to a student pursuing a degree in the School of Natural Resources, Division of Forestry. The student must demonstrate high academic achievement as well as financial need. The selection of the student shall be made by the Director of the School of Natural Resources in conjunction with the Director of Student Financial Aids. On an annual basis, the Director of Financial Aids will provide the Morgan Lumber Sales Company with the name of the student who received the award.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University, who is then directly responsible for scholarships.

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July 8, 1983 meeting, Board of Trustees

## PLANS AND SPECIFICATIONS

Resolution No. 84-13

Synopsis: Approval of plans and specifications for the following project is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

### UNIVERSITY AIRPORT RENOVATIONS, FISCAL YEAR 1983

Project: Renovations will include: installing new runway lights on Runway 9R-27L; widening taxiway at terminal area; constructing a parallel taxiway at Runway 9L-27R; resurfacing Runway 14-32; resurfacing taxiway E; installing runway signs; resurfacing east aircraft parking ramp; and resurfacing T-Hangar aprons.

Funding: \$647,423.00 from an FAA Grant and \$71,933.00 from University funds.

Estimated Project Cost: \$719,356.00

### NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 84-14

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

BIOLOGICAL SCIENCES LIBRARY REMODELING

Description: This project will improve the quality of existing library space and provide the conversion of additional rooms for library expansion. This project also includes the development of small reading areas; installation of a circulation desk; two book security systems; air conditioning and proper utilities for computer terminals, photocopiers and microfilm readers.

General Contract

Date Received:	April 12, 1983
No. of Bids:	6
Low Bid:	\$ 81,890.00
High Bid:	\$113,123.00
Estimate of Cost:	\$ 89,579.00
Awarded to:	Righter Co., Columbus, Ohio

Plumbing Contract

Date Received:	April 12, 1983
No. of Bids:	2
Low Bid:	\$ 2,800.00
High Bid:	\$ 3,190.00
Estimate of Cost:	\$ 3,100.00
Awarded to:	Edmonds Mechanical Contractor, Dayton, Ohio

July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

BIOLOGICAL SCIENCES LIBRARY REMODELING (contd)

HVAC Contract

Date Received:	April 12, 1983
No. of Bids:	2
Low Bid:	\$ 27,500.00*
High Bid:	\$ 27,500.00*
Estimate of Cost:	\$ 22,860.00
Awarded to:	Edmonds Mechanical Contractor, Dayton, Ohio

Electric Contract

Date Received:	April 12, 1983
No. of Bids:	7
Low Bid:	\$ 26,561.00
High Bid:	\$ 39,000.00
Estimate of Cost:	\$ 39,461.00
Awarded to:	Frush & Homan, Columbus, Ohio

Total All Contracts: \$138,751.00

Total Contingency Allowance: \$ 34,400.73 (which is 24.8 per cent of construction costs)

Total Project Cost: \$217,671.00

Funding: Am. Sub. H.B. 552

\*Low bid of \$20,653.00 was rejected because the contractor failed to sign proposal.

July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

LAW BUILDING, AIR CONDITIONING SYSTEMS IMPROVEMENTS

Description: This project will convert the original multizone air conditioning systems to an energy efficient variable volume system by installing VAV boxes, new air handler, new drive on existing return air fan, new filter bank, new temperature and equipment and control systems, and modifying exhaust air systems and electrical work including motor control center, electrical wiring, accessories and associated work.

Mechanical Contract

Date Received:	June 15, 1983
No. of Bids:	8
Low Bid:	\$123,317.00*
High Bid:	\$157,300.00*
Estimate of Cost:	\$140,520.00*
Awarded to:	Radico, Inc., Columbus, Ohio

Electric Contract

Date Received:	June 15, 1983
No. of Bids:	7
Low Bid:	\$ 22,517.00
High Bid:	\$ 30,800.00
Estimate of Cost:	\$ 23,480.00
Awarded to:	American Electric Construction, Columbus, Ohio

Total All Contracts:	\$145,834.00*
Total Contingency Allowance:	\$ 13,830.88 (which is 9 per cent of construction costs)
Total Project Cost:	\$163,000.00*
Funding:	B/A 210134

\*Recommended alternates reflected in these figures.



July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

AGRICULTURAL ADMINISTRATION BUILDING  
4-H CENTER AREA

Description: This project will provide space within the east lobby of the Agricultural Administration Building to display current information concerning 4-H educational programs throughout Ohio and space in the Auditorium for 4-H exhibits. A Hall of Fame consisting of an exhibit of a gallery of photos will be added to the west wall of the Auditorium and a long display case to the east wall.

General Contract

Date Received:	May 24, 1983
No. of Bids:	7
Low Bid:	\$ 76,950.00
High Bid:	\$ 93,770.00
Estimate of Cost:	\$ 94,773.00
Awarded to:	Ed Ross Construction Co., Westerville, Ohio

Electric Contract

Date Received:	May 24, 1983
No. of Bids:	14
Low Bid:	\$ 16,128.00
High Bid:	\$ 29,500.00
Estimate of Cost:	\$ 27,370.00
Awarded to:	Eastmoor Electrical Contractors, Columbus, Ohio

Total All Contracts:	\$ 93,078.00
Total Contingency Allowance:	\$ 8,612.50 (which is 9 per cent of construction costs)
Total Project Cost:	\$118,409.28
Funding:	B/A 885184 (contributions)

July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CLASSROOM IMPROVEMENTS - PHASE III

Description: This project will provide for the renovation of various special lecture halls and general purpose classrooms located in Hagerty Hall, Evans Laboratory, and Smith Laboratory.

General Contract

Date Received:	June 7, 1983
No. of Bids:	5
Low Bid:	\$ 50,924.00*
High Bid:	\$ 75,200.00*
Estimate of Cost:	\$ 60,414.00*
Awarded to:	Paul Vlack Co., Canal Winchester, Ohio

HVAC Contract

Date Received:	June 7, 1983
No. of Bids:	1
Low Bid:	\$ 13,700.00
High Bid:	\$ 13,700.00
Estimate of Cost:	\$ 15,021.00
Awarded to:	J. A. Guy, Inc., Dublin, Ohio

Electric Contract

Date Received:	June 7, 1983
No. of Bids:	5
Low Bid:	\$ 12,347.00
High Bid:	\$ 16,900.00
Estimate of Cost:	\$ 15,443.00
Awarded to:	Jess Howard Electric, Blacklick, Ohio

\*Recommended alternates reflected in these figures.

July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CLASSROOM IMPROVEMENTS - PHASE III (contd)

Total All Contracts:	\$ 76,971.00*
Total Contingency Allowance:	\$ 7,571.96 (which is 10 per cent of construction costs)
Total Project Cost:	\$100,000.00*
Funding:	Am. Sub. H.B. 552

\*Recommended alternates reflected in these figures.

HAYES HALL AIR CONDITIONING

Description: This project will provide air conditioning for the entire building. Major renovations which were completed in 1978 included a design for the possibility of added air conditioning when funding became available. This work will include installation of a nominal 100-ton water chiller and matching air-cooled condenser; installation of chilled water coils in existing fan system along with associated piping and circulating pump; and all required temperature control devices and electrical services as required.

HVAC Contract

Date Received:	May 18, 1983
No. of Bids:	8
Low Bid:	\$ 65,440.00
High Bid:	\$ 87,963.00
Estimate of Cost:	\$ 66,800.00
Awarded to:	Holdridge Plumbing & Heating, Inc., Westerville, Ohio

Electric Contract

Date Received:	May 18, 1983
No. of Bids:	9
Low Bid:	\$ 3,636.00
High Bid:	\$ 7,304.00
Estimate of Cost:	\$ 5,750.00
Awarded to:	American Electric Construction, Columbus, Ohio

July 8, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**HAYES HALL AIR CONDITIONING (contd)**

Total All Contracts:	\$ 69,076.00
Total Contingency Allowance:	\$ 6,155.85 (which is 9 per cent of construction costs)
Total Project Cost:	\$ 89,500.00
Funding:	B/A 210134

**MASONRY REPAIRS  
MANSFIELD REGIONAL CAMPUS AND LIMA REGIONAL CAMPUS**

Description: This project will replace badly deteriorated mortar, broken or spalled brick as well as resealing all masonry openings with an elastomeric sealant at Galvin Hall at the Lima Regional Campus and Ovalwood Hall at the Mansfield Regional Campus.

**General Contract - Mansfield Regional Campus**

Date Received:	June 3, 1983
No. of Bids:	8
Low Bid:	\$ 40,280.00
High Bid:	\$135,000.00
Estimate of Cost:	\$131,700.00
Awarded to:	Trisco System Inc., Lima, Ohio

**General Contract - Lima Regional Campus**

Date Received:	June 3, 1983
No. of Bids:	8
Low Bid:	\$ 17,955.00
High Bid:	\$ 29,900.00
Estimate of Cost:	\$ 24,000.00
Awarded to:	Ohio Construction & Maintenance Corp., Springfield, Ohio

July 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MASONRY REPAIRS  
MANSFIELD REGIONAL CAMPUS AND LIMA REGIONAL CAMPUS (contd)

Total All Contracts:	\$ 58,235.00
Total Contingency Allowance:	\$ 5,970.74 (which is 10 per cent of construction costs)
Total Project Cost:	\$ 66,500.00
Funding:	Am. Sub. H.B. 552 - U & R

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Teaford, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PURCHASE OF PROPERTY

UNIVERSITY GARDEN APARTMENTS, WOOSTER, OHIO  
Resolution No. 84-15

Synopsis: Authorization to purchase the University Garden Apartments in Wooster, Ohio.

WHEREAS the University has been presented with an opportunity to purchase a 94-unit apartment building, known as University Garden Apartments, located on a 3.71-acre tract at 1427 Dover Road, Wooster, Ohio, across from the Agricultural Technical Institute; and

WHEREAS the owner, Mr. Harold F. Zieg, has offered to sell this property to the University for \$800,000.00; and

WHEREAS the University has requested an appraisal of the value of this property; and

WHEREAS the appropriate University offices have determined that the purchase of this property is in the interest of the University; and

WHEREAS funds to purchase this property will be provided from the Office of Residence and Dining Halls, which will operate the building as a student dormitory;

July 8, 1983 meeting, Board of Trustees

PURCHASE OF PROPERTY (contd)

UNIVERSITY GARDEN APARTMENTS, WOOSTER, OHIO (contd)

NOW THEREFORE

BE IT RESOLVED, That the President and/or the Vice President for Business and Finance be authorized to take such action necessary to purchase, in the name of the State of Ohio for the use of The Ohio State University, the University Garden Apartments at a price of \$800,000.00 and upon such terms and conditions as are considered to be in the best interest of the University, subject to the purchase price being equal to or less than the University's appraisal and subject to the University obtaining the necessary approvals from the Ohio Board of Regents and the State Controlling Board.

Upon motion of Mrs. Bowser, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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1983-84 CURRENT FUNDS BUDGET

Resolution No. 84-16

Synopsis: The budget for 1983-84 is being submitted for adoption.

WHEREAS the levels of State support have been established with the enactment of budget legislation for the 1983-85 biennium; and

WHEREAS this Board approved tentative expenditure authorization for 1983-84 at its June meeting; and

WHEREAS the President is now prepared to present the final 1983-84 budget:

NOW THEREFORE

BE IT RESOLVED, That the University Current Funds Budget for Fiscal Year 1983-84, as described in the accompanying text and tables, be approved, with authorization for the President to make expenditures within the projected income levels; and

BE IT FURTHER RESOLVED, That student fees be increased by an average of 7 percent beginning Autumn Quarter, 1983, and that the Schedule of Student Fees effective Autumn Quarter, 1983, be hereby approved; and

BE IT FURTHER RESOLVED, That the Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including salary rolls with promotions, and fees and charges for the Fiscal Year 1983-84, and to file these materials with the official records of this University.

July 8, 1983 meeting, Board of Trustees

#### 1983-84 CURRENT FUNDS BUDGET (contd)

Dr. Jacob made the following statement:

Before I take that motion, I would like to read the following statement, and then we will have that motion.

At the June 10, 1982 meeting of the Board it was determined that the time for reviewing the University President's compensation should conform with the timing of the annual review and approval of salary recommendations for the faculty, administrative staff, and Classified Civil Service personnel of the University. In accordance with this mandate, the Personnel Committee of the Board met this noon to review President Jennings' salary as well as his benefits entitlements. In the context of his review we also analyzed and reviewed salary levels of all Big 10 presidents as well as presidents' salaries of other comparable graduate research institutions.

In our deliberations we naturally reflected on the performance of the President during the past year, and it is our committee's consensus judgment that President Jennings has done an unequivocally commendable job in every aspect of his performance. He has provided not only the expected strong leadership in setting the standards of excellence for all of us, but he has also demonstrated a unique competency and sensitivity in addressing the many complex, diverse, and difficult problems which have confronted this University. The Personnel Committee of the Board recognizes that being a public-assisted institution places necessary limits as to what can be done in the area of compensation for staff and faculty, including the President. However, it is the view of this committee that meritorious accomplishments deserve recognition not only in the form of complimentary remarks, but also in the form of monetary adjustments. With this in mind it is the recommendation of the Personnel Committee of the Board of Trustees that President Jennings' salary be adjusted by an increase of 8 percent. This proposed change will ensure that President Jennings is at least comparable in compensation to his peers in the Big 10. I would like to ask for a motion to approve the President's budget as well as the recommendation of the Personnel Committee as set forth in this report.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

July 8, 1983 meeting, Board of Trustees

## 1983-84 CURRENT FUNDS BUDGET FOR THE OHIO STATE UNIVERSITY

### I. INTRODUCTION

In June, 1983, this Board approved budget guidelines and a tentative expenditure authorization for the 1983-84 fiscal year. These approvals were in anticipation of the funding authorization from the State of Ohio in the budget bill then under consideration.

The Ohio General Assembly proceeded to pass budget legislation for the 1983-85 Biennium and the Governor has signed this legislation. The level of State funds provided for the 1983-84 fiscal year will enable this University to support the budget guidelines authorized by this Board in June, 1983, including keeping the increases in University fees and charges to an average rate of less than 7 percent.

### II. SOURCES OF FUNDS

The sources of current funds in support of the 1983-84 budget total \$712,824,000, as detailed in the schedule of Sources of Income to Support 1983-84 Budget. This amount includes State support totaling \$211,114,993, which remains some \$5,500,000 below the funding level originally appropriated for this past fiscal year prior to the cuts in State funding which occurred in June, 1982, and January, 1983. Of these sources of funds, Columbus Campus general funds represent 42 percent of the total with earnings operations generating 35 percent, restricted grants and contracts 18 percent, and the regional campuses revenues with OARDC totaling 5 percent.

While the guidelines approved in June, 1983, included a 7 percent increase in student fees, the final State budget provided no increase in funding which would enable this University to further reduce the high percentage of student contribution to their costs of higher education. Even more serious is that the level of State support for the instructional subsidies planned for 1984-85 may result in greater deterioration in this percentage. As stated previously, while every effort will be made to improve student accessibility through moderate student tuition, quality education will continue to be the highest priority. Therefore, for 1983-84, the average increase in student fees has been recommended at 7 percent effective Autumn Quarter, 1983.

Every effort has been made to maintain all fees and charges of the University within an overall average of 7 percent, and this result has been achieved with the final average being 6.8 percent. Even more important to achieving the goal of improved accessibility is that the charges to typical students averaged significantly less than 7 percent. The increase in typical student charges ranged from 5.1 to 6.4 percent, as detailed in the supporting budget materials.

It is hoped that the State's estimates of their revenues will not result in further midyear State funding reductions similar to those which have occurred over the past three years. At this time no special contingency reserve fund is being recommended since any unexpected shortfalls in State support during the first year of the 1983-85 biennium can be addressed over the remaining months until June 30, 1985.



July 8, 1983 meeting, Board of Trustees

**1983-84 CURRENT FUNDS BUDGET  
FOR THE OHIO STATE UNIVERSITY (contd)**

**III. USES OF FUNDS**

As detailed in the schedule of Budgeted Expenditures for 1983-84 and the supporting documents, this University's current fund expenditures total \$712,518,000, in support of the budget guidelines authorized by this Board at its meeting on June 9, 1983.

Due to the limitations in State funding, this 1983-84 budget includes having the colleges and administrative areas fund from current resources 2 percent of the salary guidelines for faculty and administrative/professional staff on General Fund budgets. This reallocation totaled \$2.0 million, net of a \$500,000 contingency fund used to assist areas for which such a reallocation would have created extraordinary hardships.

It is important that both years of the biennium be considered in our budget planning since State funding has been authorized for the two-year period 1983-85. While preliminary plans were to make further progress in reducing the rate of increase in student fees to below the 7 percent increase for 1983-84, the level of State support being provided will require us to reconsider these plans. The level of State funding for the next fiscal year may require student fee increases above this year's 7 percent and further budget reallocation within all areas of the University. Careful analyses of the possible options will be reviewed over the next several months as we observe the status of the State revenue situation.

July 8, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
Sources of Income to Support 1983-84 Budget  
(In Millions)

	1982-83 Budget <u>July 1, 1982</u>	1982-83 Revised Budget	1983-84 Proposed Budget
Columbus Campus			
State Appropriations	\$ 178.01	\$ 165.43	\$ 191.36
Student Fees	100.78	102.83	110.03
Other Income			
Federal Grants & Contracts	67.46	63.97	66.31
Ohio Grants & Contracts	7.32	6.99	8.08
Local Grants & Contracts	9.17	10.20	10.81
Private Gifts & Grants	27.56	28.87	30.00
Endowment Income	5.95	6.62	6.83
Departmental Sales & Service	18.17	18.03	19.36
Auxiliary Sales & Services	61.75	59.97	64.37
Hospital Sales & Services	134.65	138.66	154.21
Other Sources	12.95	18.03	13.78
Total Other Income	344.98	351.34	373.74
TOTAL COLUMBUS CAMPUS	\$ 623.77	\$ 619.60	\$ 675.14
Regional Campuses			
State Appropriations	\$ 6.34	\$ 6.08	\$ 6.11
Student Fees	6.13	5.77	6.20
Other Income	1.77	1.65	1.96
TOTAL REGIONAL CAMPUSES	\$ 14.24	\$ 13.49	\$ 14.27
OARDC			
State Appropriations	\$ 12.18	\$ 11.42	\$ 13.65
Federal Appropriations & Grants	7.05	6.46	6.59
Other Income	2.93	3.17	3.17
TOTAL OARDC	\$ 22.16	\$ 21.05	\$ 23.41
TOTAL ALL CAMPUSES	\$ 660.18	\$ 654.15	\$ 712.82
Total University Summary			
State Appropriations	\$ 196.53	\$ 182.93	\$ 211.12
Student Fees	106.91	108.60	116.23
Other Income	356.74	362.62	385.47
GRAND TOTAL	\$ 660.18	\$ 654.15	\$ 712.82

July 8, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
Budgeted Expenditures for 1983-84  
(In Millions)

	1982-83 Budget <u>July 1, 1982</u>	1982-83 Revised <u>Budget</u>	1983-84 Proposed <u>Budget</u>
Columbus Campus			
Educational & General	\$ 409.54	\$ 402.61	\$ 439.81
Auxiliary Enterprises			
Residence & Dining Halls	25.17	23.98	26.30
Intercollegiate Athletics	10.73	11.92	13.14
Other Auxiliaries	19.46	20.25	21.44
Total Auxiliaries	55.36	56.15	60.88
University Hospitals	149.46	149.92	166.91
Total Columbus	\$ 614.36	\$ 608.68	\$ 667.60
Non-Mandatory Transfers	2.02	2.89	3.19
TOTAL COLUMBUS CAMPUS	\$ 616.38	\$ 611.57	\$ 670.79
Regional Campuses			
Agricultural Technical Inst.	\$ 3.79	\$ 3.65	\$ 3.91
Lima Campus	2.71	2.45	2.51
Mansfield Campus	2.59	2.93	3.17
Marion Campus	2.00	1.93	2.12
Newark Campus	3.12	2.57	2.64
TOTAL REGIONAL CAMPUSES	\$ 14.21	\$ 13.53	\$ 14.35
OARDC	\$ 22.16	\$ 21.84	\$ 23.37
TOTAL ALL CAMPUSES	\$ 652.75	\$ 646.94	\$ 708.50
Mandatory Transfers	4.21	4.21	4.01
GRAND TOTAL	\$ 656.96	\$ 651.15	\$ 712.51

THE OHIO STATE UNIVERSITY  
1983-84 CURRENT FUNDS BUDGET  
Annual Fee Structure  
Effective Autumn Quarter, 1983

Student Category	Actual 1981-82			Actual 1982-83			Budgeted 1983-84		
	Instructl		Total	Instructl		Total	Instructl		Total
	General			General			General		
Columbus Campus									
Resident									
Undergraduate	\$ 1075	\$ 255	\$ 1330	\$ 1173	\$ 285	\$ 1458	\$ 1254	\$ 303	\$ 1557
Graduate	1455	255	1710	1596	285	1881	1707	303	2010
Graduate Professional									
Law	1715	255	1970	1881	285	2166	2013	303	2316
Medicine	3045	255	3300	3342	285	3627	3576	303	3879
Dentistry, Optometry									
Veterinary Medicine	2495	255	2750	2739	285	3024	2931	303	3234
Non-Resident									
Undergraduate	3135	255	3390	3441	285	3726	3681	303	3984
Graduate	3850	255	4105	4233	285	4518	4527	303	4830
Graduate Professional									
Law	4280	255	4535	4704	285	4989	5034	303	5337
Medicine	6475	255	6730	7542	285	7827	8070	303	8373
Dentistry, Optometry									
Veterinary Medicine	5925	255	6180	6939	285	7224	7425	303	7728
Regional Campuses									
Resident									
Undergraduate	1145	210	1355	1173	240	1413	1254	255	1509
Graduate	1525	210	1735	1596	240	1836	1707	255	1962
Non-Resident									
Undergraduate	3205	210	3415	3441	240	3681	3681	255	3936
Graduate	3920	210	4130	4233	240	4473	4527	255	4782

Note: Values shown are actual academic year fees assessed.

July 8, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1983-84 CURRENT FUNDS BUDGET

Student Fee Schedule  
Autumn 1983

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non- Resident Tuition	Non- Resident Total
Administrative Science						
Agriculture & Home Economics						
Allied Medical Professions						
Architecture						
The Arts						
Biological Sciences						
Continuing Education						
Dental Hygiene						
Education						
Engineering	0-1	\$ 70	\$ 13	\$ 83	\$ 67	\$150
Health, Phys. Educ. & Rec.	2	89	18	107	135	242
Humanities	3	105	25	130	202	332
Journalism	4	139	33	172	270	442
Mathematics & Physical Sci.	5	174	42	216	337	553
Music	6	209	51	260	404	664
Natural Resources	7	244	59	303	472	775
Nursing	8	279	67	346	539	885
Pharmacy	9	313	76	389	606	995
Social & Behavioral Sciences	10	348	84	432	674	1106
Social Work	11	383	93	476	742	1218
University College	12+	418	101	519	809	1328
Graduate School	0-1	71	12	83	94	177
	2	114	20	134	188	322
	3	170	30	200	282	482
	4	228	40	268	376	644
	5	285	50	335	470	805
	6	341	61	402	564	966
	7	398	71	469	658	1127
	8	455	81	536	752	1288
	9	512	91	603	846	1449
	10+	569	101	670	940	1610

July 8, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1983-84 CURRENT FUNDS BUDGET

Student Fee Schedule  
Autumn 1983

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non- Resident Tuition	Non- Resident Total
Graduate						
Professional						
Law	0-3	\$168	\$ 25	\$193	\$252	\$445
Pharmacy, Doctor of	4	221	33	254	332	586
	5	280	42	322	421	743
	6	335	51	386	503	889
	7+	671	101	772	1007	1779
Medicine	0-3	298	25	323	375	698
	4	393	33	426	494	920
	5	498	42	540	626	1166
	6	596	51	647	749	1396
	7+	1192	101	1293	1498	2791
Dentistry	0-3	244	25	269	375	644
Optometry	4	322	33	355	494	849
Veterinary Medicine	5	408	42	450	626	1076
Medicine	6	488	51	539	749	1288
	7+	977	101	1078	1498	2576
Executive M.B.A.						
1st year	--	1724	101	1825	940	2765
2nd year	--	1665	95	1760	879	2639

July 8, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1983-84 CURRENT FUNDS BUDGET

Student Fee Schedule  
Autumn 1983

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non- Resident Tuition	Non- Resident Total
Regional Campuses						
Undergraduate	0-1	\$ 70	\$ 13	\$ 83	\$ 67	\$150
	2	89	18	107	135	242
	3	105	21	126	202	328
	4	139	28	167	270	437
	5	174	35	209	337	546
	6	209	43	252	404	656
	7	244	49	293	472	765
	8	279	56	335	539	874
	9	313	63	376	606	982
	10	348	70	418	674	1092
	11	383	78	461	742	1203
	12+	418	85	503	809	1312
Graduate	0-1	71	12	83	94	177
	2	114	17	131	188	319
	3	170	26	196	282	478
	4	228	34	262	376	638
	5	285	42	327	470	797
	6	341	51	392	564	956
	7	398	60	458	658	1116
	8	455	68	523	752	1275
	9	512	77	589	846	1435
	10+	569	85	654	940	1594

July 8, 1983 meeting, Board of Trustees

AGREEMENT WITH THE OHIO BOARD OF REGENTS  
FOR THE OPERATION OF THE RESEARCH  
AND GRADUATE EDUCATION FACILITY AT  
THE TRANSPORTATION RESEARCH CENTER OF OHIO

Resolution No. 84-17

Synopsis: Authorization to enter into a renewal agreement with the Ohio Board of Regents for the operation of the Research and Graduate Education Facility at the Transportation Research Center of Ohio is requested.

WHEREAS the Ohio Board of Regents has requested that The Ohio State University enter into a contract with the Regents for the purpose of continuing the management of the Regents' Research and Graduate Education Facility at the Transportation Research Center of Ohio for the benefit of all institutions of higher education in the State of Ohio; and

WHEREAS this contract provides that The Ohio State University will be responsible for convening an Advisory Board comprised of deans of the engineering colleges of the State-assisted and private colleges in Ohio for the purpose of consulting on matters relating to control and management of this facility:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to enter into such an agreement with the Ohio Board of Regents for the operation of the Research and Graduate Education Facility located at the Transportation Research Center of Ohio for the period July 1, 1983, through June 30, 1985.

Upon motion of Mr. Hilliker, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-18

RESOLVED, That the report on the University's Investment Portfolio, dated June 17, 1983, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, September 2, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

John D. Jacob, D.D.S.  
Chairman



APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

September 1, 1983

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## Commencement Speaker

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### Leo A. Paquette

Today's commencement speaker joined the faculty of The Ohio State University Department of Chemistry in 1963 as assistant professor, and in 1981 he was named the Kimberly Professor of Chemistry. He received his B.S. degree *magna cum laude* from Holy Cross College in 1956 and was awarded his doctorate in organic chemistry by the Massachusetts Institute of Technology in 1959. He then worked as a research associate with the Upjohn Company for four years before coming to Ohio State.

Dr. Paquette has been a visiting professor at Michigan State University, the University of Iowa, the University of Colorado, the University of California at Santa Barbara, the University of Gröningen, Texas A&M University, and Northwestern University. He has served as an adviser on the Medicinal Chemistry B Study Section of the National Institutes of Health and as a member of the editorial boards of the *Journal of Organic Chemistry*; *Mechanisms of Reactions of Sulfur Compounds*; and *Chemical Reviews*. Currently, he is a member of the editorial boards of *Organic Reactions*; *Synthetic Communications*; and *Current Abstracts of Chemistry and Index Chemicus*. He is also a member of the Chemistry Division Advisory Committee of the National Science Foundation.

In 1965, Professor Paquette was named a Fellow of the Alfred P. Sloan Foundation. On several occasions he has been honored by the American Chemical Society: Morley Medalist of the Cleveland Section in 1971; recipient of the Columbus Section Award in 1979; and designated recipient of the Award for Creative Work in Synthetic Organic Chemistry in 1984. He was a Guggenheim Fellow in the 1976-77 academic year and was elected to the National Academy of Sciences in 1983. In 1980, The Ohio State University honored him with its prestigious Senior Research Award. He is the author of 550 research papers in organic chemistry and has more than 40 patents to his credit.

## Recipients of Honors

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### **Herman Chernoff Doctor of Science**

Professor of applied mathematics and director of the Statistics Center at the Massachusetts Institute of Technology, Herman Chernoff has been recognized internationally for his work in mathematics and statistics. The most recent evidence of his international reputation came when more than 25 distinguished statisticians agreed to provide papers on the occasion of his sixtieth birthday, all of which will be published in a Festschrift volume by Academic Press.

During his long academic career, Dr. Chernoff has been a visiting professor at Columbia University, the Center for Advanced Study in the Behavioral Sciences, the London School of Economics, the University of Rome, Hebrew University, and the Institute of Statistical Mathematics in Japan. A productive writer, he has published almost 100 scholarly articles and two books in addition to working as an editor for several of the leading journals in his field. A former president of the Institute of Mathematical Statistics, he is also a member of the American Academy of Arts and Sciences and the National Academy of Sciences.

His work in sequential analysis, pattern recognition, optimal design theory, classification, and optimal control theory has significantly broadened the foundations of modern statistics. A technique he devised, known as "Chernoff faces," has been widely used by communications media to represent data in several dimensions.

The Ohio State University takes great pride in honoring Professor Chernoff for his fundamental and sustained contributions to statistics by awarding him its highest honor, the degree of Doctor of Science, *honoris causa*.

### **Ralph Landau Doctor of Science**

As the University continues its efforts to strengthen its ties to business and industry, no one can better illustrate the nature and benefits of such ties than Dr. Ralph Landau. A man of diverse talents, Ralph Landau has a rare combination of business, academic, and engineering acumen. His contributions and leadership in the laboratory led to major breakthroughs that made possible far-reaching innovations in manufacturing processes. A successful entrepreneur, he was then able to help realize the potential market for and applications of his work. Dr. Landau rose quickly through the managerial ranks after participating in the founding of Scientific Design and later Halcon International, Inc., where he has served as president.

Dr. Landau has distinguished himself as a teacher and is an adjunct professor of management, technology, and society at the University of Pennsylvania, where he also serves as a trustee. The author of over 90 publications, he holds 11 U.S. patents and 19 foreign patents. His varied endeavors have earned him numerous awards, including the Petroleum and Petrochemical Division Award of the American Institute of Chemical Engineers, the Chemical Industry Medal and the Perkin Medal of the American Section of the Society of the Chemical Industry, the Winthrop-Sears Medal of the Chemical Industry Association, and the New Jersey Science/Technology Medal of the New Jersey Research and Development Council.

In awarding Dr. Landau the degree of Doctor of Science, *honoris causa*, the University seeks to reaffirm its relationship with the world beyond its doors and to publicly thank Dr. Landau for helping to keep them open.

### **Lloyd M. Parks** **Doctor of Science**

Ohio State has been fortunate in having many excellent administrators to oversee the operations of its diverse programs and to chart a course to excellence. Lloyd M. Parks, Dean Emeritus of the College of Pharmacy, is a shining example of this tradition. Dean Parks joined the College of Pharmacy in 1956, and for over 20 years he guided that college and helped it achieve the international stature it enjoys today. There are few pharmacists who can boast the string of awards bestowed upon Dean Parks. He began earning accolades for his work in pharmacy early in his career, winning the Ebert Prize of the American Pharmaceutical Association for research in pharmacy in 1952. He later was given the Beal Award of the Ohio State Pharmaceutical Association for his outstanding contributions to the profession of pharmacy. Dr. Parks also received what is generally recognized as pharmacy's highest award, the Remington Medal, in 1975, and in 1977 Ohio State's College of Pharmacy building was renamed Lloyd M. Parks Hall in his honor.

Dean Emeritus Parks received a honorary doctorate from Purdue University and from Union College. He also was awarded the University of Wisconsin Citation in 1965. Before coming to Ohio State, he was a member of the faculty of the University of Wisconsin for 18 years, advancing through the ranks from instructor to professor of pharmaceutical chemistry. Dean Parks received his bachelor's and his master's degrees from Purdue University and his doctorate from the University of Wisconsin.

The University community is especially pleased to recognize the achievements and distinguished career of Dean Emeritus Parks by awarding him the degree of Doctor of Science, *honoris causa*.

### **Richard D. Altick** **Distinguished Service Award**

Regents Professor Emeritus Richard D. Altick is the epitome of all that Ohio State aspires to be. His massive accomplishment and international influence as a research scholar have earned for this University a reputation that is second to none. After joining the University in 1945, Professor Altick quickly rose through the ranks, becoming a full professor in just five years and setting the pace for scholarly research in the Department of English for the next 38 years. The author of 15 books, more than 60 scholarly articles, and many reviews—Richard Altick has written for the specialist and nonspecialist alike. A Guggenheim Fellow, a Fellow of the American Council of Learned Societies, a Newberry Library Fellow, Professor Altick has served his profession in every capacity imaginable and in so doing has served The Ohio State University. A university is judged by the quality of its faculty and students, and the stature of a scholar like Richard Altick ensures that The Ohio State University can meet any test and will always be judged as having surpassing standards.

### **William R. "Ziggy" Coyle** **Distinguished Service Award**

Big Band leader, trumpet player, businessman, and devoted alumnus, William R. "Ziggy" Coyle has been faithfully serving his alma mater and the world of music since the 1940s. An early devotee of the trumpet, he got his nickname from imitating Tommy Dorsey's famous trumpet player, Ziggy Elman. After graduating from Ohio State in 1948, Ziggy Coyle taught instrumental music in Columbus schools until 1952, when he bought the music business that was to become Coyle Music. His business successes led to his being named one of the ten outstanding young men in the music industry in 1967. Ziggy has spearheaded fund raising drives for organizations of which he has been a member. He has served as chairman of the School of Music Association of Alumni and Friends and as chairman of the School of Music Scholarship Fund Drive. He has also served as president of the TBDITL Alumni Association and for many years has coordinated the Ohio State Franklin County Marching Band concerts, which have raised money for scholarships. He recently has become very active in the Friends of WOSU, and last year he received the Ohio State Alumni Citizenship Award.

### **M. Merle Harrod**

#### **Distinguished Service Award**

An Ohio State alumnus, M. Merle Harrod has faithfully served his alma mater since receiving his undergraduate degree more than 50 years ago. A 1928 graduate, he was the president of his senior class and went on to distinguish himself by becoming a charter member of the Presidents Club. He served as vice president of the Alumni Association in 1952 and was a member of the Association's Board of Directors for six years. His most exemplary service, however, came in his years as a member of the University's Board of Trustees. During his nine year term, which began in 1969, the University weathered the storm of student unrest and witnessed a major realignment in its structure and programs. The capital investment in buildings and equipment during those years has never been exceeded in the history of the University. His thoughtful support of Presidents Fawcett and Enarson and his commitment to the University's mission helped ensure that Ohio State would continue a tradition of excellence, a tradition best exemplified by dedicated and loyal alumni like M. Merle Harrod.

### **Ross Lawler Mooney**

#### **Distinguished Service Award**

Very few professors have made a greater contribution to Ohio State's College of Education than has Professor Emeritus Ross L. Mooney. His illustrious career spans almost two-thirds of the college's history and he has served his college in various ways. After joining the University's Bureau of Educational Research in 1938, he went on to become professor of research and later professor of education, and in 1975 he was appointed Professor Emeritus of Education. His constant efforts to develop organic and integrative methods for teaching and research left him outside the mainstream of his profession for many years. Happily for the University, his colleagues, and his students, he persisted, and since the late 1960s he began to be heard. Professor Mooney's ideas have been realized in many ways, chief among them the Freshman Foundation Program. His perception laboratory and research material are widely used, and his work has profoundly influenced many faculty members, especially those dealing with curriculum, instruction, and development. In 1973 he received the University Distinguished Teaching Award.

### **William F. Rounds**

#### **Distinguished Service Award**

They also serve who sit and write. This turn of an old phrase aptly describes William F. Rounds, who for over 35 years has covered and reported on the University, its many programs, and its people. After joining the University in 1946, Mr. Rounds served for 12 years as assistant director of the Bureau of Public Relations. From 1958 to 1969, he was an editor with the Office of News and Information Services and became its director in 1969. In 1975 he was appointed coordinator of internal information in the Office of Communications Services, a position he held until his retirement in 1981. Mr. Rounds wrote countless news and feature stories that resulted in favorable publicity about the accomplishments of the University's students, faculty, and staff. He served as a mentor to scores of student assistants who worked for him, many of whom are now putting his knowledge and skill to work at institutions all across the nation. After singing the praise of others for so long, it is fitting that the University now sing his praise by bestowing upon him its Distinguished Service Award.

## The Graduate School

Dean: Jules B. LaPidus

### Doctor of Philosophy

**Lenox Berchael Abbott**, New York City, N.Y.; B.S. (Herbert H. Lehman College); M.S. (Youngstown State University); *Pathology*; Dr. John A. Lott

**Robert Joseph Abbott Jr.**, Pittsburgh, Pa.; B.S. (Edinboro State College); *Molecular, Cellular and Developmental Biology*; Dr. George A. Marzluft

**Ahmed Ahmed Abdelaziz**, Cairo, Egypt; B.S., M.S. (Cairo University); *Microbiology*; Dr. Chester I. Randles

**Baher Labeeb Abousti**, Giza, Cairo, Egypt; B.S., Diploma (Cairo University); M.Eng. (Memorial University of Newfoundland, Canada); *Engineering Mechanics*; Dr. Sunder H. Advani

**Tade Adenrele Adedokun**, Offa, Kwara, Nigeria; B.A. (Malone College); M.A.; *Entomology*; Dr. David L. Denlinger

**Dale Edward Alexander**, Columbus; B.S., M.S.W. (Florida State University); *Education*; Dr. Donald J. Tosi

**Michael S. Alexander**, Cleveland; B.S. (University of Notre Dame); M.S.; *Pharmacology*; Dr. Brian D. Andresen

**Sa'Id Khadher Al-Orabi Al-Harthi**, Riyadh, Saudi Arabia; B.A. (Riyadh University); M.A. (Michigan State University); *Communication*; Dr. James L. Golden

**Khodran Hamdan Al-Zahrani**, Zahran, Saudi Arabia; B.S. (Riyadh University); M.S. (Oregon State University); *Agricultural Education*; Dr. J. Robert Warmbrod

**Etim Anwana Amba**, Oron, Cross River State, Nigeria; B.S. (University of Nigeria); M.S.; *Agronomy*; Dr. Trevor G. Aiscott

**Susan Kim Amundsen**, Chicago Heights, Ill.; B.S., M.S. (Illinois State University); *Medical Microbiology and Immunology*; Dr. Deborah S. Parris

**Ronnie Ancona**, New York, N.Y.; B.A., M.A. (University of Washington); *Classics*; Dr. Charles L. Babcock

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**Jody L. Wallace**, Urbana; B.S.; *Health, Physical Education and Recreation*

**Kelly Vorhes Wallace**, Columbus; B.A. [Judson College]; *Education*

**Elaine M. Wank**, Columbus; B.S. [Bowling Green State University]; *Education*

**Barbara Ann Washington**, Fairmount, Md.; B.A. [University of Maryland]; *Black Studies*

**Philip Edward Waters**, Carbondale, Ill.; B.S. [St. Ambrose College]; *Health, Physical Education and Recreation*

**Jayne Kehrl Weagle**, Worthington; B.S.; *Education*

**Connie S. White**, Columbus; B.S.; *Education*

**Mary Ellen Whittatch**, Shadyside; B.A.; *Education*

**Barbara Joan Wiley**, Columbus; B.S. [Muskingum College]; *Education*

**Robin Denise Williams**, Brooklyn, N.Y.; B.S. [Cheyney State College]; *Education*

**Angeletha Kay Wilson**, Montgomery, Ala.; B.A. [Auburn University]; *Journalism*

**Timothy Francis Winters**, Tucson, Ariz.; B.A. [University of Arizona]; *Classics*

**Lawrence Wolpert**, Columbus; B.A. [Tel Aviv University]; *Psychology*

**Young Sang Won**, Seoul, Korea; B.Ec. [Kunkuk University]; M.B.M. [Yonsei University]; *Education*

**Emil Clark Wood**, Sunbury; B.S. [Bowling Green State University]; *History*

**Kathleen Cartwright Wyatt**, Columbus; B.A.; *Health, Physical Education and Recreation*

**Mary Anne Wynne**, Providence, R.I.; B.S. [State University of New York at Cortland]; *Health, Physical Education and Recreation*

**Elaine Yelverton**, Wilson, N.C.; B.A. [Elizabeth City State University]; *Journalism*

**Judith Abbie Yohman**, Cincinnati; B.S. [University of Cincinnati]; *Communication*

**William Paul Yost**, Westerville; B.S.; *Education*

**Patricia Sanders Young**, Marion; B.S.; *Education*

**Zhenyi Zhang**, Peking, P.R.C.; Certificate [Hebei University]; *East Asian Languages and Literatures*

**Sydney L. Zimmerman**, Columbus; B.S.; *Journalism*

**James Barry Zumbo**, Victor, N.Y.; B.S. [Ithaca College]; *Health, Physical Education and Recreation*

## Master of Business Administration

**Gerald Jay Bieber**, Gahanna; B.S. [Purdue University]; *Business Administration*

**Robert Louis Bregman**, Reynoldsburg; B.S. [Lafayette College]; *Business Administration*

**John Kraus Burkley, Jr.**, Columbus; B.S.; *Business Administration*

**Betty Eul Davis**, Bexley; B.S.; *Business Administration*

**Debra Susan Dunlap**, Eaton; B.S.; *Business Administration*

**Jay Sutton Ehle**, Worthington; B.A. [Yale University]; J.D. [Cleveland State University]; *Business Administration*

**Hala Mounir El-Oraby**, Mansfield; B.A.; *Business Administration*

**Diana L. Grapes**, Columbus; B.A. [Capital University]; *Business Administration*

**Lawrence Eugene Green**, Flushing, Mich.; B.S. [Owosso College]; *Business Administration*

**Kimberly Jo Hannon**, Columbus; B.S. [Indiana University]; *Business Administration*

**Keith Harding Hazelton**, Columbus; B.A.; *Business Administration*

**Joel Lee Hoetzer**, Sandusky, B.S.; *Business Administration*

**Dennis Scott Hoobler**, Delroy; B.S., M.A.; *Business Administration*

**Takis Lalos**, Columbus; B.S. [Northeastern University]; M.Eng. [Rensselaer Polytechnic Institute]; *Business Administration*

**Samuel Lee Lind**, Westerville; B.B.A. [Ohio University]; *Business Administration*

**Joseph A. Messeri**, Youngstown; B.Eng. [Youngstown State University]; M.S.; *Business Administration*

**Peter Timothy Miller**, Columbus; B.S. (Ohio University); *Business Administration*

**David R. Morton**, Powell; B.S. (University of Illinois); *Business Administration*

**John Michael Price**, Columbus; B.S.; *Business Administration*

**Thomas Edward Redmond**, Columbus; B.S.; *Business Administration*

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**Randy Stuart Shoaf**, Urbana; B.S. (Central Michigan University); *Business Administration*

**Cynthia Louise Shockey**, Redlands, Calif.; B.A.; *Business Administration*

**Janet Gertrude Spence**, East Lansing, Mich.; B.S., M.S. (Michigan State University); *Business Administration*

**Balakuntalam Sundareswara Sridhar**, Bangalore, Karnataka, India; B.S. (Bangalore University); M.A. (Tata Institute of Social Sciences); *Business Administration*

**Terry Lee Strong**, Columbus; B.S.; *Business Administration*

**Thomas Edmund Whitten**, Reynoldsburg; B.S. (Youngstown State University); *Business Administration*

## Master of City and Regional Planning

**Ayşe Can**, Ankara, Turkey; B.C.P. (Middle East Technical University); *City and Regional Planning*

**Michael Robert Ford**, University Heights; B.A. (Bowling Green State University); *City and Regional Planning*

**Nevin Gürgan**, Columbus; B.A. (Middle East Technical University); *City and Regional Planning*

**Margaret Anne Hallisy**, Cleveland Heights; B.A. (Bowling Green State University); *City and Regional Planning*

**Steven Phillip Mikusa**, Bucyrus; B.S.; *City and Regional Planning*

**Andrea J. Van Arsdale**, Asbury, N.Y.; B.S. (Rutgers University); *City and Regional Planning*

## Master of Fine Arts

**James R. DePaul**, Piscataway, N.J.; B.A. (William Patterson College); *Theatre*

**Cathy Alene Fank**, Iowa Falls, Iowa; B.A. (University of Northern Iowa); *Theatre*

**Chris Colby Flaherty**, York, Pa.; B.A. (Westminster College); M.A. (Bowling Green State University); *Theatre*

**Barbara Jo Giorgio**, Munster, Ind.; B.F.A. (Ball State University); *Art*

**Richard David Keith**, Mansfield; B.A. (Baldwin Wallace College); *Theatre*

**Victor Glass McCouiston**, Bradenton, Fla.; B.A. (Westminster College); *Theatre*

**Stacy Ann Shramm**, Los Angeles, Ca.; B.A. (University of California at Los Angeles); *Art*

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**Kristin Ann Olsen**, Cleveland Heights; B.A. (Kenyon College); *Hospital and Health Services Administration*

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**Alberto Farías**, Monterrey, Mexico; B.A. (Monterrey Institute of Technology); *Labor and Human Resources*

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## Master of Music

**William Herbert Boggs**, Columbus; B.M.; *Music*

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**Sami J. Abouantoun**, Beirut, Lebanon; B.S. (Tri-State University); *Aeronautical and Astronautical Engineering*

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**Zabeda Ally**, Georgetown, Guyana; B.A. (University of Guyana); M.A. (York University, Ontario); *Statistics*

**Laura Jean Anderson**, Wethersfield, Conn.; B.S. (University of Connecticut); *Pathology*

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- Yu He**, China; B.S. (University of Science and Technology of China); *Physics*
- Thomas Gregory Heeb**, Louisville, Ky.; B.S. (University of Dayton); *Chemical Engineering*
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- Kevin Kemper Jeffrey**, Bellefontaine; B.S.; *Plant Pathology*
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- Deepak Vineet Kanwar**, New Delhi, India; B.Tech. (Indian Institute of Technology); *Computer and Information Science*
- Judy Ann Kauffeld**, Pittsburgh, Pa.; B.S. (West Virginia University); *Natural Resources*
- Pearl Y. Kelb**, Galion; B.S. (University of Alberta); *Nursing*
- Walid S. Khouri**, Ravenna; B.S. (American University of Beirut); *Chemical Engineering*
- Myung-Ho Kim**, Seoul, Korea; B.S. (Seoul National University); *Mathematics*
- Song Hyo Kim**, Honolulu, Hawaii; B.A. (Sung Kyun Kwan University); *Statistics*
- Ray-Tse Ko**, Taipei, Taiwan, R.O.C.; B.S. (National Chung Hsing University); *Welding Engineering*
- Susan Dianne Kohls**, Bucyrus; B.A. (Miami University); *Agricultural Education*
- Manita Kongchuenin**, Bangkok, Thailand; B.S. (Kasetsart University); *Entomology*
- Anthony James Koski**, Lockport, Ill.; B.A. (Knox College); *Agronomy*
- Thomas John Kraus**, Fairview Park; B.S. (Purdue University); *Bio-Medical Engineering*
- Deborah Lenore Krause**, Columbus; B.S.; *Preventive Medicine*
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- Tamara Mault Kuhlmann**, Westerville; O.D.; *Physiological Optics*
- Edward Donald Lancy, Jr.**, Poland; B.S.; *Microbiology*
- Linda Jenney Langhorst**, Columbus; B.S.; *Dairy Science*
- Piotr Henryk Laskowski**, Warsaw, Poland; Master (University of Warsaw); *Geodetic Science and Surveying*
- Mark Kamleung Lau**, Kowloon, Hong Kong; B.S. (San Jose State University); *Electrical Engineering*
- Huey Kenneth Lawson**, Baton Rouge, La. B.S. (Southern University); *Civil Engineering*
- Gen-dryou Lee**, Taiwan, R.O.C.; B.A. (Soochow University); *Statistics*
- In Mo Lee**, Korea; B.S. (Seoul National University); *Civil Engineering*
- Kuo-Chu Lee**, Taipei, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); *Electrical Engineering*
- Elisa Leyva Ramos**, San Luis Potosi, Mexico; B.S. (Universidad Autonoma de San Luis Potosi); *Chemistry*
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- Sandra Jean Maurer**, Parma; *Agricultural Education*
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- Corinne Kraft McNamee**, Solen, N.D.; B.S. (North Dakota State University); *Home Economics*
- Frederick Arthur Miller**, Columbus; B.S.; *Environmental Biology*
- John Joseph Miller**, Defiance; B.S.; *Agricultural Education*



- Samir M. S. Minkara**, Tripoli, Lebanon; B.S. (Purdue University); *Electrical Engineering*
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- Glen Prater, Jr.**, Plain City; B.S.; *Mechanical Engineering*
- Wesley Robert Querns**, Middleport, N.Y.; B.S. (Clarkson College of Technology); *Civil Engineering*
- Rajiv Ramnath**, New Delhi, India; B.Tech. (Indian Institute of Technology at Delhi); *Computer and Information Science*
- Padma Rao**, Pantnagar, India; B.S. (G.B. Pant University); *Agricultural Economics and Rural Sociology*
- Lorraine Mary Rellick**, Pittsburgh, Pa.; B.S.; *Biophysics*
- Virginia Theresa Rentko**, Croydon, Pa.; B.A. (Boston University); *Zoology*
- Roderick Jason Renwick**, Columbus; B.S.; *Welding Engineering*
- Rosemary Eleanor Riley**, Youngstown; B.S. (Bowling Green State University); *Home Economics*
- Todd Justin Roberts**, Medina, N.Y.; B.S. (Cornell University); *Agricultural Economics and Rural Sociology*
- Karen Ann Ross**, Johnstown; B.S.; *Home Economics*
- David Nesbitt Russell**, Galloway, B.A. (Hiram College); *Industrial and Systems Engineering*
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- Gwo-Chyau Shen**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Chemical Engineering*
- William Blair Shook**, Bremen; B.S.; *Mechanical Engineering*
- Barbara Ann Shurgot**, Kenmore, N.Y.; B.S. (St. Bonaventure University); *Preventive Medicine*
- Ralph B. Sizemore**, Reading; B.S. (University of Kentucky); *Agricultural Engineering*
- Thomas Russell Smith**, Lima; B.A. (The American University); *Agricultural Economics and Rural Society*
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- David Lee Stiles**, Wapakoneta; B.S.; *Agricultural Education*
- Keith Miracle Stimpert**, Columbus; B.A. (Miami University); *Agricultural Education*
- Colin Andrew Stuart**, Georgetown, Guyana; B.S. (University of Toronto); *Welding Engineering*
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- Aphimuk Taitayongvichit**, Bangkok, Thailand; B.S.; *Mechanical Engineering*
- Atrayee Taneja**, Allahabad, U.P. India; B.S.; M.S. (University of Allahabad); M.A.S.; *Statistics*
- Joe Kiet-Yen Tang**, W. Hartford, Conn.; B.S.; *Electrical Engineering*
- Wen-Tzung Tang**, Chia-Yi, Taiwan, R.O.C.; B.S. (National Chung-Hsing University); *Food Science and Nutrition*
- Mark Gerard Taylor**, Columbus; B.S.; *Botany*
- Gregory John Thaler**, Centreville, Va.; B.S. (Georgetown University); *Physics*
- Gino Michael Tosi**, Berea; B.S.; *Agricultural Economics and Rural Sociology*
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**Vera Diane Wolowoduk**, Chatham Township, N.J.;  
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**Sylvia Jean Wong**, Cleveland Heights; B.S.;  
*Natural Resources*

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(National Chia-Tung University); *Electrical  
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**Tatsuji Yamashita**, Tokyo, Japan; B.S. (University of  
Tokyo); *Chemical Engineering*

**Koffi Augustin Yao**, Abidjan, Ivory Coast; B.S.  
(Lycee' Dimbokro); Licenciante, M.S. (University of  
Abidjan); *Food Science and Nutrition*

**Lots Ann Yarnell**, Westerville; B.S.; *Agricultural  
Education*

#### **Master of Social Work**

**Mary Elizabeth Boyd**, Wright-Patterson A.F.B.;  
B.A. (University of Alabama); *Social Work*

**Patrice D. Harris**, Columbus; B.S. (University of  
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**Cecily Pettis Judd**, Delaware; B.A. (Ohio Wesleyan  
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Terry Ray Everson, Columbus  
Brian E. Vannatta, Columbus  
Christopher W. Young, Columbus

### Bachelor of Art Education<sup>1</sup>

Gwendolyn Marie Myers, Columbus

### Bachelor of Art Education<sup>2</sup>

Catherine Ann Mineo, Tonawanda, N.Y.  
Brian Anthony Pfarr, Marysville  
Alexandra White Scott, Columbus

### Bachelor of Music Education<sup>2</sup>

Caroline Ann Hartig, Grove City  
Linda Sue Krupp, Grove City  
Timothy W. Muffitt, Hillsdale, Mi.

### Bachelor of Science in Industrial Design

Alice Jane Aylwin, Worthington  
Ann Louise Black, Worthington  
Margaret Breen, Westlake  
Ann Ewart, Akron  
James D. Heiliger, Madison, Wis.

## College of Biological Sciences

Dean Patrick R. Dugan

### Bachelor of Science

NancyLee Battista, Canton  
Roberto Berrios, Guayama, Puerto Rico  
Michael Charles Brandenstein, Rittman  
Stephanie Marie Breslin, Centerville  
Sue Mackey Burrey, Mt. Victory  
Timothy John Byrne, Columbus  
Margaret Kathryn Farragher, Youngstown  
Calvin Pasquale Griffith, Warren  
Frances M. Hernandez, Bayamon, Puerto Rico  
Steven Joe Hoyda, Shelby  
Robin David Kurtz, Columbus  
Mary Elizabeth Lentz, Columbus  
James Souder McCaughan, Galena  
Richard L. Michalkiewicz, Waterville  
Scott A. Mobley, Prospect  
Holly Renee Recob, Wapakoneta  
Andrew Eric Starkey, Stoutsville  
Donna Hall Stearns, Fairborn  
Nina Mathanthannu Tan, Columbus

<sup>1</sup> Offered by the College of the Arts

<sup>2</sup> Offered jointly by the College of the Arts and the College of Education

Charles Joseph Urse, Columbus  
Joseph George Van Keuren, Elyria  
Jane E. Walker, Worthington  
David Alan White, Cincinnati

## College of Humanities

Acting Dean Michael W. Curran

### Bachelor of Arts

Cheryl Lynn Adams, Cincinnati  
Mary Lewis Brown, Dublin  
Russell Scott Brown, Perry  
Loretta Burke, Cincinnati  
Tracey Giles Burton, Chagrin Falls  
Christy E. Byrne, Centerville  
Neil Emmanuel Carpathios, Canton  
Mark Reese Carroll, Centerville  
Franklin D. Coffin, Cloverdale, Ind.  
Tarsie S. Dehne, Bexley  
Kelly Joanne Drake, Archbold  
Curtis Paul Edwards, Mansfield  
James Edward Elliott, North Olmsted  
Gregory Allen Freeman, Columbus  
Kurt A. Geer, Oklahoma City, Okla.  
Susan Anne Imlay, Zanesville  
Donnel D. Jones, Jr., Dayton  
Edward Anthony Kirkpatrick, Westerville  
Leo Ilmar Kupp, Parma  
Mark Norris Lance, Worthington  
Alexander Elson McCurry, Elyria  
Barbara Ann Morgan, Portsmouth  
Mary Catherine Mountain, Grove City  
Scott J. O'Neill, Toledo  
Kevin Robert Orth, Akron  
Barbara Arlene Paul, Lima  
Jeffrey C. Pepper, Columbus  
Gary Joel Robuck, University Heights  
Lenora Anne Ronges, Broadview Heights  
Todd Stephen Scoles, Westerville  
Lori Silverstein, Peekskill, N.Y.  
Teresa Lee Sneddon, Lisbon  
Cheryl Lynn Thompson, Groveport  
Nancy Howell Tyner, Columbus  
Mark David van Kan, Chardon

## College of Mathematical and Physical Sciences

Dean Colin B. B. Bull

### Bachelor of Arts

Richard Dennis Casella, Westbury, N.Y.  
Kimberly Angelique Church, Columbus  
Misty A. Doty, Worthington  
Terry Stuart Saiter, Columbus  
Eva Sideropolis, Leavittsburg  
Jacqueline Grimes Strickland, Autaugaaville, Ala.  
Peter Paul Wieliczko, Granville

## Bachelor of Science

Gwyn Ann Bobo, Waverly  
 Phillip Joseph Bolte, Vandalia  
 William Earl Bruner, Columbus  
 Michael David Bugenstein, Columbus  
 David Wayne Castle, Heath  
 Lu-Ine Lorine Cheng, Taipei, Taiwan  
 Suhni Mi Chung, North Royalton  
 Johanna D. Colombo, Columbus  
 Ronald Brent Cornett, Fairfield  
 Charles Joseph Cromble, Columbus  
 Philip Joseph Dufresne, Salem  
 James G. Eringman, Columbus  
 Susan Frances Finta, Warren  
 James George Foradas, Canton  
 Randall E. Gebhardt, Ashtabula  
 Robert Steven Gervais, Trooper, Pa.  
 James Charles Gibeau, Columbus  
 William Arthur Gill, Maracaibo, Venezuela  
 Douglas James Goodin, Cincinnati  
 Brice Erwin Hart, Racine  
 Colin Michael Hartnett, Troy  
 Bruce A. Herfel, Columbus  
 Melanie Holzman, Akron  
 John Bradley Johnston, Solon  
 Ann Marie Klisz, Fremont  
 Michael D. Lacey, Worthington  
 Brenda K. Lord, Galena  
 Laura Ann Lunder, Willowick  
 James Hugh MacDonald, Columbus  
 Patricia McCree, Detroit, Mich.  
 Michael George Moore, Middletown  
 Donald Richard Morrison, Thornville  
 Suzanne Marie Munday, Bryan  
 Gina M. Napoli, Brookfield  
 Marie Louise Nime, Beirut, Lebanon  
 Thomas James Roth, Parma  
 Martin Hayes Sittler, Salem  
 Tamara Ann Smith, Urbana  
 Charles Lance Wilkinson, Cincinnati

## College of Social and Behavioral Sciences

Dean S. Earl Brown

## Bachelor of Arts

Marcy Lynn Abrams, Williamsburg  
 Donald Robert Ain, Columbus  
 Nacrina Emille-Divina Alvarez, Marysville  
 Andrew Scott Arnold, Benton Ridge  
 Lori Eileen Austin, West Carrollton  
 Trenton Ray Baker, Hilliard  
 Tammy Sue Barnett, Warren  
 Omar A. Barriga, Upper Arlington  
 Bruce Ray Bartlett, Columbus  
 Vickie June Baumgirtle, Columbus  
 Kathleen Michele Beauchene, Oswego, N.Y.  
 Kevin Patrick Bennett, Grove City  
 Michael Keith Borden, Columbus  
 Gregory E. Boruh, Warren  
 William Edwin Brancovsky, Wickliffe  
 Catherine Ann Broadbent, Bay Village  
 David Michael Bronstein, Columbus

Alwyn L. Bush, Chesterland  
 Richard Peter Byrnes, Worthington  
 Steven Charles Cain, Mansfield  
 Deidre Carpenter, Columbus  
 Tonnelle Catron, Cleveland  
 Jeffrey Matthew Clark, Canfield  
 Ann Clarissa Clayton, Lancaster  
 Rachel Susan Cohen, Shaker Heights  
 Tamara A. Cramer, Fredericktown  
 John B. Cruse, Galion  
 Christine Luba Darmochwal, Parma  
 Anita Marie Davena, Waverly  
 Ruth Ann Weimer DeWitt, Delaware  
 Janet Lee Donham, Worthington  
 Christine Lynn Dungan, Cincinnati  
 Laurie Jo Eichel, Dover  
 Tracey Lee English, Chesterland  
 Debora Ann Erksa, Wadsworth  
 Andrew D. Fisher, Toledo  
 Chadwick M. Flaig, Lebanon  
 Laura Holly Foukal, Chesterland  
 Vicki Leann Frazier, Columbus  
 Katherine Irene Garvin, Brecksville  
 Richard Scott Gaunt, Mansfield  
 Angela L. Goodwine, Columbus  
 Virgil Bruce Goodwine, Columbus  
 Felicia Rena Grace, Toledo  
 Susan Lee Halbedet, Newark  
 Cynthia Anne Hamilton, Warren  
 Daryl Bernard Harris, Steubenville  
 Linda Murphy Helms, Heath  
 Jan E. Hensel, Kent  
 Richard Allen Hernandez, Boardman  
 Elizabeth P. Highmore, Worthington  
 Katherine MacNair Hogan, Portsmouth  
 David Richard Hosler, Jr., Coshocton  
 Julia Anne Huston, Chancellersville  
 Kent E. Irwin, Columbus  
 Sharon Ivey, East Cleveland  
 Nada Janakievski, Columbus  
 Alex T. Jelepis, Cleveland  
 Duane Martin Johnson, Loudonville  
 Marilyn June Kelby, North Lawrence  
 Richard Eric Kibler, East Liverpool  
 Keith Alan Kitchen, Bellville  
 Janice J. Kohn, Cleveland  
 Kimberlee Kae Kokinda, Port Clinton  
 William Michael Korney, Avon Lake  
 Kerry Ann Kowars, Columbus  
 Anne Margaret Kozelek, Bexley  
 Carina E. Kroenberg, Worthington  
 Rogena Darlene Kyles, Fairfax, Va.  
 Philip Ross Leach, Columbus  
 Nancy J. Lehan, Grove City  
 Karen Anne Lindgren, Akron  
 Sheldon Da-Wen Lu, Ravenswood, W.Va.  
 James Bruce Lucas, Columbus  
 Mark Edwin Lyle, Columbus  
 Linda A. Mayberry, Girard  
 Bradley L. McCloud, Reynoldsburg  
 Michael J. McFarland, Bridgeport  
 John Wiley McKeel, Youngstown  
 Dianne Barbara McQuillin, Toledo  
 Paul M. Merlack, Pittsburgh, Pa.  
 Alan Craig Miller, Canton  
 David Charles Miller, Barberton  
 Mark Eugene Miller, Canton  
 Shirley Myneke, Shadyside  
 Raymond Moats, Circleville

Paula Leigh Mounts, Columbus  
 Kathleen Marie Murney, Dublin  
 Teresa Elaine Murray, Piketon  
 Douglas Raymond Nagle, Conesville  
 Randall Aldo Nagy, Columbus  
 John Adam Neff, Dayton  
 Karen Sue O'Connor, Johnstown  
 Debra Ann Orr, Johnstown  
 Scott N. Pember, Lorain  
 William Francis Plegens, Rocky River  
 Carl S. Rapport, New Philadelphia  
 Carla Campbell Reed, Columbus  
 Denise Marie Robinson, Steubenville  
 Jeffrey Alan Roedel, Cincinnati  
 Joseph William Rogers, Columbus  
 Bridgette Caryn Roman, Canfield  
 Judson Eric Rubin, Mayfield Heights  
 Teri Elaine Ruslander, Williamsburg, N.Y.  
 Jane Ann Sandefur, Upper Arlington  
 Bradley Walter Schramek, Cleveland Heights  
 Glen C. Scott, Lexington  
 Karen Marie Scott, Dayton  
 Susan Marie Shifflette, Kent  
 Brett Robert Sisler, Marion  
 Donna Lynn Skert, Solon  
 William Howard Spencer II, Toledo  
 Laura Dawn Stubbart, Columbus  
 Mary Kathleen Swanson, Rocky River  
 Steve Merrill Swigart, Mansfield  
 Suzanne Marie Teachey, Sylvania  
 James Rodger Thorson, Jr., Columbus  
 Betsy Thurman, Cincinnati  
 Kim Alyce Tresler, Columbus  
 Cynthia Ann Trimble, Worthington  
 Bruce K. Truxall, Columbus  
 Esther Marilyn Turkeltau, Canton  
 Jane Chika Uheanya, Nigeria  
 James Timothy Ungashick, Canton  
 Thomas Francis Villacres, Newark  
 Kimberly K. Vogan, Canton  
 Janet Dee Von Kaenel, Strasburg  
 Dianne Ward, Highland Park, N.J.  
 John Peter Weiss, Westerville  
 Karen Lynn Weller, Warren  
 Michael J. Wiederman, Columbus  
 Kenneth Anthony Will, Columbus  
 Jay Alden Wilson, Mariemont  
 Mark Edmund Winston, Worthington  
 Erin Louise Wollam, Hudson  
 Kenneth Robert Zahner, Sugar Creek

## Bachelor of Science

Faith Cervin Arthur, Worthington  
 Emily Hunter Baird, Columbus  
 Ralph Holmes Boring, Worthington  
 Jorge Jose Del Rio, San Juan, Puerto Rico  
 Peter Holmes Edwards, Jr., Columbus  
 Kevin Charles Feisel, Lancaster  
 Laney Jaye Hawkins, Columbus  
 Jean Alice Herkender, Columbus  
 John Russell Hire, Granville  
 Mary E. Hunsinger, Mansfield  
 Heidi Lynn Laakso, North Jackson  
 Denise K. Lawson, Columbus  
 Helen Ann O'Leary, Columbus  
 Stephen Ronald Ruggieri, Steubenville  
 Susan Lynn Schectman, Cleveland Heights

Jody Lynn Smulo, Maple Heights  
Dorothy Renee Young, Steubenville

### **Bachelor of Arts in Journalism**

Marcy Ellen Abraham, Cleveland Heights  
John Harold Backderf, Richfield  
Julie Rochelle Bailey, Worthington  
Cheryl L. Baumann, Findlay  
Robert Francis Breitfeller, New Albany  
Lindsey Park Chenoweth, Columbus  
Michael D. Clark, Beaver Creek  
Andrew Beth Cronig, Shaker Heights  
Diane Elizabeth Frea, Orient  
Steven Lynn Goble, Waverly  
Renee Grimes, Philadelphia, Pa.  
Eric Christian Hansen, Columbus  
Thomas George Havener, Lyndhurst  
Orby G. Kelley III, Columbus  
Sherrn K. Kondos, Mansfield  
Diana J. Lockwood, Annville, Pa.  
Joan Lorraine Minyo, Caldwell  
Anne Marie Mountain, Grove City  
Stephen Hardy Obenshain, Perrysburg  
Jill Marie O'Dell, Cincinnati  
Gail Lynne Paul, Mansfield  
Michael Anthony Pramik, St. Clairsville  
Robert Allen Pritchett, Columbus  
Mary Jo Rigney, Dayton  
Anthony Richard Shockley, Bryan  
Leslie Joan Sloan, Dayton  
Amy Faye Slotter, Columbus  
Marilyn Gaye Spetka, Columbus  
Kurt Richard Stull, Columbus  
Patrice Wvodau, Columbus  
Pamela Jean Wright, Columbus

### **College of Administrative Science**

Dean H. Justin Davidson

### **Bachelor of Science in Business Administration**

Richard Dana Ackerman, Cincinnati  
Scott Darrell Ackerman, Girard  
Sangeeta Agrawal, Memphis, Tenn.  
Ariane Lee Amiri, Lorain  
Theresa Marie Amorosso, Reynoldsburg  
Rory Martin Anderson, Bellevue  
Mark Edwin Archer, Sidney  
Paul Kevin Augustine, Cleveland Heights  
Della Fay Baker, North Hampton  
Elizabeth Corbin Baldwin, Xenia  
Robert George Baldwin, Dublin  
Dennis Cline Baratta, Columbus  
Carol Sue Barnwell, Bellefontaine  
Joyce Ann Barrett, Newark  
Michael Ernest Barthel, Carmel, Ind.  
Tracy Lynn Beard, Reynoldsburg  
Christopher Beatty, Lorain  
David Foster Behn, Lima  
Harian R. Bennett II, Cambridge

Matthew Lee Bennett, Columbus  
Gene Mark Berger, Columbus  
T. John Berlin, Urbana  
Cynthia Kay Bern, Coshocton  
Carl Robert Best, Avon Lake  
Garin Jon Bethel, Steubenville  
John C. Beyoglides, Dayton  
Robert David Black, Gallipolis  
Tyrone Keith Black, Cincinnati  
Frances Elizabeth Blazer, Harrington, Dela.  
Cheryl Ann Block, Worthington  
William Stephen Blonchek, Middleburg Heights  
Ramon Joseph Boshara, Jr., Akron  
Patricia Jane Brauer, Little Hocking  
Brian Frank Breedlove, Jeffersonville  
Mary Gretchen Brell, Maumee  
James Michael Brennan, Columbus  
George Henry Bridges, Wintersville  
Christopher Allen Bryan, Reynoldsburg  
Christopher Alan Bules, Springfield  
Terence William Burga, Marion  
Paula Karen Burrell, Worthington  
Louis William Burwell, Ironton  
John Edwin Campbell, North Canton  
Brian John Casey, Columbus  
Samuel Dean Church, Belpre  
Kent William Clark, Cuyahoga Falls  
Julie Edith Collins, Columbus  
Charles John Comparato, Richmond Heights  
Barbara Kay Cook, Sunbury  
James Scott Craig, Toledo  
Mark Scott Croft, Youngstown  
Marie Elaine Dalton, Strongsville  
Douglas Paul D'Amico, Akron  
Jeffrey Richard Deibel, Columbus  
Shari Lynn Dombick, Beachwood  
Darren McGowen Dowdell, Williamsville, N.Y.  
Gregory Neil Duly, Parma Heights  
John Paul Durbin, Columbus  
John David Edwards, Cincinnati  
William Leahy Eggert, Columbus  
Robert Charles Emerson, Chatfield  
Niloozar Etemad, Columbus  
Jesse Melvin Etter, Jr., Columbus  
Kelly Ann Farrell, Naperville, Ill.  
Scott Joseph Farwick, Columbus  
Stuart Alan Federman, Akron  
Michael Arthur Fegan, Middleburg Heights  
David Richard Fishman, Columbus  
Kathleen Ann Fleck, Solon  
Michael Allan Fouts, Granville  
Charles Patrick Fruth, Napoleon  
David Samuel Ganzfried, Scituate, Mass.  
Karen Linda Garby, Bedford, Texas  
Stuart Joel Gartrell, Westerville  
Leslie Jalene Gerber, Westlake  
Lori Ann Gerber, Westlake  
Diane Kay Gibbins, Minford  
Mark Gibson, Warren  
Jeremy David Gottlieb, Cleveland Heights  
Michael Davis Grant, Bay Village  
Julie Ann Gusweiler, Cincinnati  
Lucie Gay Hardison, North Olmsted  
Eric James Harper, Westerville  
Layne Harper Harris, Milwaukee, Wisc.  
Joseph Alan Hartley, Springfield  
Brian Kelly Hauck, Medina  
Paul Richard Hecmarczuk, Akron  
Douglas Eugene Heichel, Mansfield  
Lisa Helen Henderson, Newark  
Richard L. Hollingsworth, Mansfield  
Steve Eheren Holman, Skokie, Ill.  
George Patrick Hoogerhyde, Grand Haven, Mich.  
Diane Lynne Hoover, Moline, Ill.  
Mark Michael Houle, Columbus  
Heidi Ann Hursinger, Mansfield  
Salvatore J. Iandimarino, Youngstown  
Susan Elizabeth Jacques, Rocky River  
Katherine M. Johanni, Columbus  
Matthew Robert Johnson, Brecksville  
Nathan Paul Johnson, Cincinnati  
Jeffrey Lee Jones, Zanesville  
Michael Ward Judge, Sylvania  
Kenneth Raymond Kabealo, Columbus  
Karen Cyril Kann, Beachwood  
Sharon L. Katz, Canton  
James Anthony Kegelmeyer, Marion  
Julie Anne Keller, Rocky River  
Marcia Carol Kinney, Sandusky  
Michael Lee Kissel, Bellville  
Hallee Dianne Klein, Beachwood  
Lisa Marie Klice, Miramar, Fla.  
Kevin Dennis Knappe, Napoleon  
Michael Eric Kopan, Mentor  
Amenan Parfaite Kouakou, Bouake, Ivory Coast.  
West Africa  
Raymond Alexander Kulik, Parma  
Steven Gerard Kupanoff, Springfield  
Sevil Hatice Kurtis, Columbus  
Karen Alison Ladd, Wooster  
Judith Ann Lang, Galloway  
Robert Kurt Lang, Worthington  
Christopher William Larkin, Columbus  
David Lynn Larrick, Dayton  
Stephen John Lebold, Dover  
Donna Diane Lee, Gahanna  
Michael Christopher Lemaster, Columbus  
Kevin Lee Littlejohn, Troy  
Phillip H. Locke, Columbus  
Christopher Alan Logsdon, Upper Sandusky  
Clark Eugene Lubaski, Powell  
Curtis Wayne Lutz, East Rochester  
Daniel Joseph Lutz, Toledo  
Kevin Dean Lyles, Wheelersburg  
Harold Keddie Mager, Worthington  
Sheila Diane Maginn, Centerville  
Philip Andrew Matberger, Tiffin  
Thomas Albert Mannarino, Worthington  
Paul Nicholas Maragos, Toronto  
Michael Jay Marette, New London  
Glenn Frederick McAtee, Elyria  
Anita Ruth McCleese, Peebles  
Stephen Casey McClure, McLean, Va.  
Deborah Ann McCreight, Kettering  
Matthew Mark McCroskey, Toledo  
Gregory Michael McDanel, Rocky River  
John Peter McEwan, Columbus  
Jennifer Ann McGann, Worthington  
Martha Jane McGee, Columbus  
Brenda Diane McNeil, Marion  
Gregory Lynn McPherson, Springfield  
Angela Renea Melton, Akron  
Pasquale Anthony Merullo, Jr., Columbus  
Annice Evon Miller, Greenville  
Judith Smis Miller, Newark  
Stacey Joy Minium, Bay Village  
Darcy Lynn Monsour, Washington, Pa.

Robin Denise Morgan, Strongsville  
 Michele Elaine Mosholder, Newark  
 Gordon James Moyer, Milan  
 Thomas C. Mulholland, Chagrin Falls  
 Florentina Muñoz, Columbus  
 Julie Ann Murray, West Jefferson  
 Rory Larston Musselman, Wooster  
 Jane Elizabeth Mykranitz, Wooster  
 James Edward Napoli, Inverness, Fl.  
 Joseph Daniel Nartker, Hamilton  
 Maniza Anjum Naseem, Longwood Fla.  
 Patricia Anne Newman, Columbus  
 Carla Suzanne Oldok, Upper Sandusky  
 Richard Forrest Osborn, Columbus  
 Robert David Otway, Springfield  
 John Peter Pardee, Oberlin  
 Anne Marie Parker, Columbus  
 Eugenia Collette Payne, Westland, Mi.  
 Mark William Pearson, Columbus  
 Douglas William Peele, Cleveland Heights  
 Robert Louis Perkins, Jr., Columbus  
 James Leonard Perry, Mansfield  
 James Edward Pickard, Dayton  
 Mary Ann Pisciotta, Palos Heights, Ill.  
 Karen Lynn Plummer, Hamilton  
 Thomas Mark Plute, Granville  
 Ralph Victor Polletta, Columbus  
 George Michael Pong, North Olmsted  
 Linda Faye Powell, Columbus  
 Richard John Premec, Jr., Youngstown  
 Thomas Alexander Pritt, Columbus  
 Stephen Michael Promen, Lima  
 Charles Richard Prunier, Lancaster  
 Randall Scott Puderbaugh, Columbus  
 Paul Flavius Pulse, III, Hillsboro  
 James Edward Quinn, Columbus  
 Connie Sue Race, Loveland  
 Thomas Ray, Madison  
 Thomas Fred Raymond, South Euclid  
 Michael Robert Resler, Newark, De.  
 David M. Richards, Westerville  
 Frederick Ray Richards, Mansfield  
 Terrance Lee Richards, Akron  
 Charles Daniel Riffle, Lima  
 Andrew James Roberts, Cincinnati  
 Kyle Alan Robinson, Findlay  
 Todd Mitchell Rogers, Cuyahoga Falls  
 Susan Michele Rosa, Hudson  
 Karen Mitchell Rosser, Westerville  
 Mary Kathryn Royer, West Lafayette  
 Michael Daniel Ruikin, Pepper Pike  
 Connie Sue Russell, Canal Winchester  
 Diane Magdalene Ruth, Waldo  
 John Francis Ryan, IV, Atlanta, Ga.  
 Holly May Saks, Cleveland  
 Douglas Lee Sandkuhl, St. Marys  
 Timothy M. Schoenberger, Upper Sandusky  
 Ronald Lee Schuller, Shioh  
 Andrea L. Schumacher, Columbus  
 Louis Scott, South Russell  
 Matthew Gerard Seiter, Xenia  
 James Edward Sekinger, Pataskala  
 Robert Lee Shaeffer, Jr., Pittsburgh, Pa.  
 Mark William Shaffer, Circleville  
 Michelle Lynn Shay, Columbus  
 Johnetta Linn Sheets, Coshocton  
 Philip Ray Short, Brunswick  
 Mark William Simoff, Buffalo, N.Y.  
 Jamie Elizabeth Sloan, Mansfield

Mark Edward Smith, Perrysburg  
 Philip Eugene Smith, Zanesville  
 Robin Lynn Smith, Columbus  
 Stuart Neil Smylie, Beachwood  
 Jacqueline E. Spargrove, Frazeeburg  
 Daniel Gerard Spatz, Kettering  
 Jonathan P. Spetalnick, Atlanta, Ga.  
 Steffanie Diane Stephens, Indianapolis, In.  
 Cynthia Stilwell, Hartville  
 Jayne Evin Stoffregen, Maumee  
 Joseph Robert Storer, Columbus  
 Brent Clifford Stratton, Columbus  
 Michele Annette Strohl, Columbus  
 Haryanto Sunarto, Willard  
 Julie Ann Swerlein, Cardington  
 Richard Michael Taglione, Columbus  
 Seng Aun Teoh, Perak, Malaysia  
 Michelle Ann Theibert, Columbus  
 Thomas Wayne Thompson, Troy  
 David Alan Trail, Worthington  
 David Joseph Trentman, Dayton  
 Anca Trifan, Columbus  
 John Frederick Van Keuls, Rocky River  
 John Joseph Walsh, Pittsburgh, Pa.  
 Nellie Jeanne Warner, Lisbon  
 David Kai Wasserman, Columbus  
 David George Webster, Rocky River  
 Donald Jeffrey Weinstein, Canton  
 Steven Henry Weiss, Dayton  
 Michael Paul Welker, Lancaster  
 Mark Allen Wengerd, Wooster  
 Amy Louise Werner, Worthington  
 Jody Eileen Whittier, Wooster  
 Michele Williams, Cleveland  
 Robin Renee Williams, Marysville  
 David Stanley Williamson, Tarpon Springs, Fl.  
 F. Leon Wilson, Akron  
 Joy Ann Winsley, Zanesville  
 Cynthia Joy Wise, North Canton  
 David Earl Wiscup, Livonia, Mi.  
 Steven T. Wood, Hilliard  
 William Lee Wood, Reynoldsburg  
 Lawrence Wright, Jr., Hilliard  
 Denise E. Yeager, Cincinnati  
 Pamela Sue Yeager, Hudson  
 Michael L. Yoder, Columbus  
 Charles Ralph Yoss, Ashland  
 Charles David Zeigler, Van Wert  
 James Chris Zervas, Warren  
 Brian Paul Zentek, Swanton

## **Bachelor of Science in Labor and Human Resources**

Tina Rose Allison, Cincinnati  
 Gregory Lee Graham, Columbus  
 Sean Adam McCauley, Mt. Gilead  
 Scott Allen Rudowski, Columbus  
 Mark Allen Scharinghausen, Fairfield

## **College of Agriculture**

Dean: Max Lennon

## **Bachelor of Science in Agriculture**

James Uhlen Bowling, Columbus  
 Donald William Braun, Columbus  
 Barbara Hope Brewer, Springfield

Donna Ruth Bruchs, Youngstown  
 Charla Ellen Burko, University Heights  
 Tara Rae Corthell, Sidney  
 Desiree Suzanne Craig, Columbus  
 Robin Lynn Drown, Bellefontaine  
 Patricia Ann Dyer, Bidwell  
 Brent Thad Edwards, Van Wert  
 Jeffrey Scott Emmors, Marion  
 Timothy Michael Foster, Cleveland  
 Brian Virgil Founds, Chancellorsville  
 Jeffrey Edward Fowie, Xenia  
 Paul Michael Froehlich, Barnesville  
 Kris Ellen Kiracofe, Camden  
 Kathy Ann Kirkpatrick, Delaware  
 Elaine Ann Kolb, Rossburg  
 Michelle Wadsworth Kozel, Columbus  
 Robert Lewis Kozel, Jr., Columbus  
 Thomas Lawrence Krill, Archbold  
 Beth Margaret Maldinger, Marion  
 Pius Adilawanda Mamza, Takum Gongola, Nigeria  
 Charles Ross Marks, Damascus, Maryland  
 Sandra Jean Maurer, Parma  
 Mark Douglas McClenning, Lima  
 Michael Frederick Mend, Independence  
 Lynn Whitehead Miller, Dublin  
 Timothy Irving Miller, Zanesfield  
 Laura Marie Mincer, Columbus  
 Joseph Francis Noppenberger, Jr., Columbus  
 Rhonda Lynn Oberst, Pensacola, Fl.  
 Suzanne Grace Otterbacher, Valley City  
 Sandra Diane Pick, Brunswick  
 Michael James Rengert, Marion  
 Linda Sue Riepenhoff, Ottawa  
 Gordon L. Shea, Dola  
 Barbara Ann Siegel, London  
 Larry William Wamock, Jeffersville  
 Leonard Ray Whiteby, Cincinnati  
 Joy Ann Witte, Lyndhurst  
 Angela Gay Woerner, Columbus  
 Cynthia Sue Wood, Bellevue  
 Scott Alan Zanon, Tuscarawas

## **Bachelor of Science in Food Technology**

Cheryl Ann Hokomb, Parma

## **School of Natural Resources**

### **Bachelor of Science in Natural Resources**

Michele Denise Anderson, Worthington  
 Misty Lynn Autt, Columbus  
 Kevin Lake Boals, Mansfield  
 Timothy Craig Brown, Columbus  
 Gregory Lance Cochran, Toledo  
 William Randall Davis, Columbus  
 Dwayne Robert Griebel, Cleveland  
 Thomas E. Hackenbracht, West LaFayette  
 Jill Suzanne Klagge, Brecksville  
 Thomas Alan LeFever, Springfield  
 Douglas Henry Rupert, St. Marys  
 Mary Katherine Schnabel, Bucyrus  
 Daniel Justus Serge, Wickliffe

Kenneth Frank Ventura, Orange  
Suzanne Hazel Wilson, Columbus

## Agricultural Technical Institute

### Associate in Applied Science

Nathaniel S. Barnhart, Circleville  
James Patrick Centea, Wadsworth  
Vanessa Marie Douglas, Strasburg  
Viola Louise Dyer, Canton  
Christi Lee Gallagher, Sunbury  
Andrew Martin Keller, Berlin Heights  
John Lyle Krock, Kenton  
Christopher John Norton, Shaker Heights  
Christopher Jerome Ogrinc, Bratenahl  
Scott Joseph Riley, Alliance  
Patrick Thomas Somderman, Cincinnati  
Kelly Lynne Spohler, Sylvania  
Theodric Charles Weckery, Tallmadge

## College of Dentistry

Dean: William R. Wallace

### Doctor of Dental Surgery

Michael Leo Hemker, Mansfield  
B.S.

### Certificate of Graduate Dental Hygienist

Karla Renée Kordish, Mansfield

## College of Education

Acting Dean: Donald P. Anderson

### Bachelor of Science in Education

Cheryl A. Abdullah, Columbus  
B.A.  
Sabo Aliyu, Bauchi, Nigeria  
Akula Daniel Ankama, Bauchi, Nigeria  
Michele Ann Barger, Youngstown  
Hanna Zambuk Bature, Bauchi, Nigeria  
Betty Jean Bazley, Elyria  
Mary Magdalen Black, Gahanna  
Michele W. Blasczyk, Newark  
Samson Jodi Bogoro, Bauchi, Nigeria  
Kellie Dawley Bommer, Gahanna  
Cynthia Anne Boner, Mt. Gilead  
Angelina Mary Bonstedt, Cincinnati  
Joyce Ann Burch, Worthington  
Barbara Katrina Burian, Columbus  
Misty Dawn Cancro, LaRue  
Shannon Stretton Cline, Columbus  
Jennifer Kay Cochran, Mt. Vernon

Arthur F. Conley, Jr., Coal Grove  
Curtis Grant Daniels, Jr., Columbus  
Jean-Paul Daum, Columbus  
Sarah Christine Deckard, Columbus  
Lori Jean Dierksheide, Fremont  
Deborah Ann Dixon, Youngstown  
Laura Kay Eggert, Columbus  
Randall Lee Emmethainz, Worthington  
Paula Rae Ewart, Columbus  
Gerianne Marie Fischer, Johnstown  
Douglas Edward Foley, Cridersville  
Larry Emmet Fouts, Columbus  
Evelyn Mae Fowler, Columbus  
B.S. (Bowling Green State University)  
Henry Gerhard Frank, Shelby  
Jenny Lynn Fredritz, Marion  
Carolyn B. Furr, Grove City  
Dianne Lanette George, Willard  
Dona E. Purvis Givens, Newark  
James Daniel Good, Eaton  
Virgil Robert Graham, Zanesville  
Portia Denise Griffin, Columbus  
Mahmoud Ibrahim Gurama, Bauchi, Nigeria  
Shelley Lynne Hall, Mansfield  
James Francis Hamberg, Saint Henry  
Musa Hammadu, Bauchi, Nigeria  
Pamela Gail Harmon, Columbus  
Beth Anne Harmount, Circleville  
Honey F. Hartman, Opa Locka, Fl.  
Jerry Steven Hartman, Plymouth  
David Allen Herrmann, Reynoldsburg  
Donna Lynn Hill, Sandusky  
Molly Ann Hochwalt, Kettering  
Lisa Lynn Holdren, Columbus  
E. Gail Hughes, Grove City  
Angela Baldwin Isaacs, Hamilton  
Alhaji B. Isyaku, Bauchi, Nigeria  
Aminu Mohammed Jamaare, Bauchi, Nigeria  
Claude Michel Jaimain, Columbus  
Amos Danzaria Joe, Bauchi, Nigeria  
William Elmer Katona, Jr., Fairport Harbor  
Sheila Annette Kattas, Lorain  
Teresa Marie Kloss, Akron  
Paula Sue Krisley, San Antonio, Texas  
Julie Marie Landwehr, Lima  
Lois M. Lautenschlager, Kenton  
Debra Sue Leavengood, Fresno  
Wesley F. Lewis, Coshocton  
Toni Faye Logan, Middletown  
Laurie Beth Lopper, Columbus  
Teresa Coldiron Lott, Reynoldsburg  
Kathleen Lunn, Cincinnati  
Dominick Frank Lupino, Willard  
Jill Lynn MacDonald, Huntsville  
Gloria Jean Maddamma, Niles  
Laral Maimako, Bauchi, Nigeria  
Renee Lynn Martin, Frazeyburg  
Mies M. McClelland, Westerville  
David Glenn McFarland, Oberlin  
Cynthia Beck McMahon, Petersburg, Ak.  
Tamara Stentz Meadows, Mansfield  
Joseph W. Meyer, Dayton  
Xenia Barbara Michalak, E. Brunswick, N.J.  
Rebecca Jean Millsaps, Hudson  
Magaji Udubo Mohammed, Bauchi, Nigeria  
Anna Marie Moore, Columbus  
Traci Lee Morrison, Medina  
Ruth Ann Murphy, Columbus  
Ayuba Nyagam, Bauchi, Nigeria

Mary Gaynelle Ostermeier, Midland  
Staci Anastagia O'Toole, Mentor  
James Steven Owen, Middletown  
Donna Sue Peters, Lima  
Mohammed Ahmed Pindiga, Bauchi, Nigeria  
Richard Todd Rekart, Delphos  
B.S.  
Kimberly Kay Ruark, Lexington  
Frank Edward Russo, Cincinnati  
Suzanne M. Schimmoeller, Columbus Grove  
Anita Gail Scites, Wellston  
Lisa Jones Shafer, Columbus  
Denise Marie Sheeter, Delphos  
Catherine Mary Sinchek, Reading  
Paul Wayne Slaubaugh, Jr., Stow  
Patricia Pearl Smith, Worthington  
Rachel Eileen Smith, Monroeville  
Laura Lee Spychalski, Columbus  
Kevin Lee Steinmetz, Willard  
Lori Beth Stockfish, Pepper Pike  
Kimberly Ann Thatcher, Howard  
Loreen Hunt Thomas, Grove City  
Susan Bell Trombetti, Columbus  
Avis Belle Vansickle, Columbus  
Lillian Vukov, Mansfield  
Mutari Adamu Wadaji, Bauchi, Nigeria  
Danlami Wambai, Bauchi, Nigeria  
Musa Kaltungo Waziri, Bauchi, Nigeria  
Mary Anne Whalen, Akron  
Thomas Wesley Whieldon, Solon  
Lynette Wiley, Columbus  
Laura Lynn Wilson, Wooster  
Robert Darryl Wilson, Chicago, Il.  
Janet Elizabeth Wise, Bellaire  
Diana Lynne Wright, Marion  
Garba Bashi Yankari, Bauchi, Nigeria  
Louis Randy Zacks, Columbus

**Bachelor of Art Education and  
Bachelor of Music Education  
degrees are offered jointly by the  
College of the Arts and the  
College of Education.**

**Candidates are listed under  
College of the Arts.**

## College of Engineering

Dean: Donald D. Glowor

### Bachelor of Science in Aeronautical and Astronautical Engineering

Richard Allen Burdick, Owego, N.Y.  
Kevin Wayne George, Brooklyn, N.Y.  
David Alan Glazer, Mayfield Heights  
John Joseph Gurbach, Parma  
David Matthew Henderson, Columbus  
Joseph Francis Kanney, New Washington  
Donald Ray Mays, Englewood  
Mark H. Mercer, Columbus  
Thomas Edward Okuly, Dayton  
Michael K. Riggelman, Columbus  
David Charles Thomas, Columbus

**Bachelor of Science in  
Agricultural Engineering**

John William Busic, Columbus  
Joseph Dale Groves, St. Clairsville

**Bachelor of Science in  
Ceramic Engineering**

Maryjane Barnes, Zanesville  
John William Laessle, Columbus  
Donald Howard Moore, Jr., Westerville  
Neil Edwin Orians, Carey

**Bachelor of Science in  
Chemical Engineering**

Mark Douglas Dieringer, Lima  
Stephen Michael Graf, Cincinnati  
Kim Elisabeth Heath, Pennsville  
Paul Andrew Jarasek, Mequon, Wis.  
Bamin Khomami, Tehran, Iran  
Jim F.S. Liu, Taipei, Taiwan  
Crystal Dianne Penn, Cleveland  
N. Richard Ricks, Jr., Portsmouth  
Hani Khalil Siwani, Jerusalem  
David George Vanek, Ashtabula

**Bachelor of Science in  
Civil Engineering**

Saim Nasr Abou-Antoun, Al Kaakour, Lebanon  
Abdulla M. Abu-Khalifeh, Kuwait, Kuwait  
Simon Michel Abu Younes, Beirut, Lebanon  
Christian O. Ayinotu, Neni, Nigeria  
Mahmoud Sami Ayyash, Kuwait, Kuwait  
Susan Michelle Cheney, Sidney  
Angela Newcome Donahue, Kettering  
Robert Alan Fraser, McMurray, Pa.  
James Neal Goodwin, Belpre  
Dale Martin Hopkins, Geneva

**Bachelor of Science in  
Computer and Information Science**

Mitchell Andre Benjamin, Malta  
Julia Ellen Bush, Vienna, W.Va.  
Dale Allen Byrd, Westerville  
Megahwati Chandra, Medan, Indonesia  
Frank Domenic Ciotti, Jr., Euclid  
David Alan Ferguson, Lima  
James Stewart Goldsmith, Columbus  
James David Haeseker, Dayton  
Gregory Thomas Kite, Urbana  
Virginia Gay Kostir, Seven Hills  
Brent Alan Miller, Findlay  
Margene Marie Mock, Gahanna  
John Brent Oliver, Steubenville  
Gregory Lee Orth, Englewood  
John Francis Pfeieger, New Washington  
Stephen Edward Prahst, Brooklyn Heights  
Milo Preenjak, N. Royalton  
Joan Elaine Schott, Bucyrus

Joseph Dean Stuber, Lima  
Cynthia Lee Treese, Upper St. Clair, Pa.  
Craig W. Vandeverter, Cincinnati  
Dean Richard Vermeire, Hermitage, Pa.  
John Joseph Vossler III, Sioux Falls, S.D.  
Tracy Lynne Warstler, Amherst  
Alan Ray Wilson, Pismo Beach, Ca.

**Bachelor of Science in  
Electrical Engineering**

Masoud Amin-Javaheri, Esfahan, Iran  
Mehran G. Aminzadeh, Columbus  
Mitchell Andre Benjamin, Malta  
Brad Jason Binkley, Lima  
Ronald Lynn Blair, Columbus  
Shih-Hao Chong, Ipoh, Malaysia  
Thomas John Cunningham, East Liverpool  
Paul Czerwinski, Columbus  
Peter Czerwinski, Columbus  
Christopher Allan Daily, New Albany  
Mark Alan Enright, Gallon  
Steven Bernard Fisher, Port Clinton  
Jeff Alan Giannobile, Dover  
Martin Frederick Giel, Lorain  
Rakesh Chandra Gupta, Marietta  
David Stanley Harrison, Vienna, Va.  
Timothy James Kelly, Columbus  
Dennis Patrick Kill, Spencerville  
Kathryn Weed Lilly, Columbus  
Jonathan Douglas Mann, Columbus  
Jeffrey John McPherson, Perrysburg  
Jeffrey Wayne Morton, Hammond, La.  
Scott Michael Myers, South Charleston  
Dennis Edward Norris, Woodsfield  
James Anthony Pristas, Columbus  
Barbara K. Ramey, Dublin  
David Morrill Reynolds, Hollywood Hills, Fl.  
Kiam-Hwee Sim, Singapore, Singapore  
Ahmad Ezzat Sinno, Beirut, Lebanon  
Alisa Arlene Stoll, Columbus  
Angela Theresa Treiterer, Worthington  
Randy Walter Wallace, Stow  
Thaddeus Adam Weber, Bedford Heights  
Kin Hung Wong, Hong Kong

**Bachelor of Science in  
Engineering Physics**

Michael James Sumner, Batavia  
John Joseph Vossler III, Sioux Falls, S.D.

**Industrial Engineer**

John Thomas Dougherty, Columbus

**Bachelor of Science in  
Industrial and Systems Engineering**

Robert Lee Beigh, Findlay  
David Allen Decker, Worthington  
Mehdi Ebrahimian, Columbus  
Paul Edward Favret, Columbus  
Matthew Miller Grist, Austintown

Jonathan A. Jackson, Gallon  
John Charles McVicker, Cincinnati  
Timothy Wray Pack, Columbus  
Robert Wayne Savage, Broadview Heights  
Deborah Ann Shell, Dayton  
Robert Anthony Witzman, West Chester

**Bachelor of Science in  
Mechanical Engineering**

Martha Kay Addy, Cadiz  
Dale Allan Andreatta, Uhrichville  
Suzanne Messary Beers, Columbus  
Robert Stanley Belsler, Columbus  
William David Best, Columbus  
James Edward Cencula, Stow  
Elizabeth Anne Connors, Westerville  
David Earnshaw Crawford, Jr., Waverly  
Martin Eldon Deakins, Whitehall  
Max Robert Farson, Lowell  
Peter Michael Flick, Fairborn  
Eric Gil Hall, Columbus  
David Edward Herring, Columbus  
Peter Paul Kowalski, Jr., Seven Hills  
David Dean Lepper, Fremont  
Samuel Miller Linzell, Columbus  
Thomas Edward Maher, Columbus  
Martha Ann McCordle, Greenhills  
Kirk John Meier, Hudson  
Virendra Dahvabhai Patel, Columbus  
Brad Alan Phillips, Canton  
Elaina Marie Rocco, McMurray, Pa.  
Mark Charles Schmidt, Cincinnati  
Robert Daryl Springer, Bucyrus  
Jeffrey Scott Standley, Bellefontaine  
Jayne Evitt Stoffregen, Maumee  
Daniel John Tebbe, New Bremen  
Joseph Francis Traina, Vermilion  
Wahid Umerani, Karachi, Pakistan  
Chris Ellen Williamson, Belfast  
Mark Alan Woodling, Akron

**Bachelor of Science in  
Metallurgical Engineering**

Karen Ann Hare, Windsor

**Bachelor of Science in  
Mining Engineering**

David Brian Paradis, Avon Lake  
Arthur L. Stern, Jr., Cincinnati  
Beth Yoho Thompson, Gallipolis  
Jon Pierce Thompson, Cheshire

**Bachelor of Science in  
Welding Engineering**

Christopher T. Anderson, Grand Rapids, Mi.



## School of Architecture

### Bachelor of Science in Architecture

Norman J. Brown, Columbus  
Robert Emerson Cox, Newark  
Dean Butler Lewis, Akron

### Bachelor of Science in Landscape Architecture

Eileen Olda Enabnit, Fairlawn  
Joseph H. Frey, Cincinnati  
Carol Linnea Grewe, Toledo  
Rhonda Brown Margraf, Columbus  
Thomas Raymond Paquelet, Louisville  
Treva Lee Shannon, Columbus  
Cheryl Lynn Shoemaker, Hillsboro  
John Alexander Tarkany, Reynoldsburg  
Ralph Anthony Tirabassi, South Euclid  
Patrick Alan West, Dover

## College of Home Economics

Acting Dean: Lena Bailey

### Bachelor of Science in Home Economics

Gina Kay Balitsis, Cincinnati  
Deena Wendy Berger, Shaker Heights  
Kimberly Ann Blake, Grove City  
Kerin Lois Blanke, Worthington  
Jeanette Marie Boback, Cincinnati  
Miriam Jeannetta Bohles, Shaker Heights  
Patricia Marie Buckeye, Avon Lake  
Paula Yvette Carter, Columbus  
Jane Lynne Crow, Granville  
Kathy Jo Davidson, Sunbury  
Melloni René DeMuth, Worthington  
Susan Marie Ebbeskotte, Delphos  
Nina Louise Englehart, Kirkersville  
Kimberly Ann Fischer, Moreland Hills  
Linda Louise Flick, Columbus  
Gretchen Louise Geckle, Marion  
Ann Lorraine Heitkamp, Columbus  
Kymberlie Weithman Irwin, Columbus  
Laura Shaw Kissel, Columbus  
Marcia Beth Klarin, Powell  
Estelle T. Knapp, Elyria  
Dana Renee Leyland, Pickerington  
Lottie B. Mangum, Columbus  
Carmela Marie Modugno, Cuyahoga Falls  
Laura Suzanne Neal, Toledo  
Nancy Jane Noll, Newark  
Grace René Nourie, Aurora  
Annette Felicia Peters, Akron  
Lisa Jo Rogers, Mansfield  
Krystie Ann Russell, Elmore  
Connie Lynn Schmitt, Hamilton  
Linda Sue Scott, Columbus  
Susan Holly Sheldower, Canton  
Wendy Jane Slaman, Bay Village

Michelle Suzanne Smith, Wadsworth  
Valette Jeanine Solomon, Medina  
Marsha Anne Speer, Columbus  
Carol Ann Speidel, Caledonia  
Mary Susan Trauthwein, Mansfield  
Mary Lou Wendell, Fayetteville, W.Va.  
Cathleen Ann Workman, Columbus  
Katheryn Lucille Davis Zeid, Powell

### Bachelor of Science in Nutrition

Martha Gail Sensel, Kettering

## College of Medicine

Dean: Manuel Tzamouris, M.D.

### Doctor of Medicine

Kathleen Ann Alter, Columbus  
B.S. (University of Dayton)  
Mary Elizabeth Christiaanse, Bryan  
B.A. (Butler University)  
Nancy J. Dorman, Canton  
B.S. (Bowling Green State University);  
Ph.D.  
Charles Lawrence Hitchcock, Minneapolis, Minn.  
B.A., M.A. (Mankato State University)  
William Glenn Littlefield, Flemington, N.J.  
B.S. (Ohio University)  
Sharon Patricia McQuillan, Youngstown  
B.A. (Kent State University)  
Mary Elizabeth Mudd, Columbus  
B.S. (Ohio Dominican College)  
Rajinder Pal Singh, Ambala City, India  
B.S. (Punjab University)  
M.S.E.E., Ph.D. (University of Cincinnati)  
Eric Samuel Wargotz, Middletown, N.J.  
B.S. (Rutgers University)

### Bachelor of Science in Allied Health Professions

John Thane Altier, Ashtabula  
Jeanne Marie Bryk, Dover, De  
William David Calhoun, Columbus  
Lisa Sue Wood Grayson, Wooster  
Melisa Lee Greiner, Columbus  
B.S.N.  
Robert Fredrick Henry, Columbus  
Bonnie Jean Hume, Akron  
Marjorie Mignin Kelley, Archbold  
B.S.N.  
Ann Elizabeth Kramer, Zanesville  
B.S.N.

### Certificate of Nurse Anesthetist

Jack Robert Frye, Gibsonburg  
B.A.  
B.S.N. (Capital University)  
John Robert Karnes, Columbus  
B.S.N. (University of Toledo)  
John Porter Lymanstall, Jewell  
B.S.N.  
Keith Alan Ramey, Bolivar  
B.S.N.

### Certificate of Post Baccalaureate Circulation Technologist

Anne Barbara Collins, Tiffin  
B.A. (Miami University)

## College of Nursing

Acting Dean: Kathryn T. Schoen

### Bachelor of Science in Nursing

Linda Margaret Taylor, Columbus  
Deborah Keen Whatman, Bellville

## College of Pharmacy

Dean: Albert H. Soloway

### Doctor of Pharmacy

James Dennis Coyle, Columbus  
B.S. Pharm.  
Kenneth David Crist, Zanesville  
B.S. Pharm.  
Carl Steven Pappa, Parma  
B.S. Pharm.  
Kenneth Paul Scalaria, Columbus  
B.S. Pharm. (U. of Rhode Island)

### Bachelor of Science in Pharmacy

Krista Guerrieri Coleman, Palmyra, N.Y.  
Michael Jay Dick, Plymouth  
Gregory M. W. Hodgins, Mantua  
B.S. (John Carroll University)  
Michael Paul Huelman, Minster  
Peter Paul Kalochoritis, Youngstown  
Christopher Michael Lagnese, Aurora  
Kristine Robyn McEwen, Woodbridge, N.J.  
Patrick M. McGrall, Dayton  
Jeffrey Joel Patton, North Canton  
Keith Eric Reber, Hubbard  
Jill Leslie Smith, Worthington  
Jacquelyn Jean Tell, Poland

## College of Social Work

Dean: Richard E. Boettcher

### Bachelor of Science in Social Welfare

Denise Armehni Coles, Bronx, N.Y.  
Susan Katz, Toledo  
Michelle Lynn Mann, St. Louisville  
Robin Adria Morgan, Columbus  
Lisa Renee Watson, Reynoldsburg

## Graduates with Honors

Criteria for graduation with honors are as follows:

**With Distinction** requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

**With Honors in the Liberal Arts** requires Successful completion completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

**Cum Laude** designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

**Summa Cum Laude** designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

### With Distinction in Agricultural Education

Patricia Ann Dyer  
Sandra Jean Maurer

### With Distinction in Agricultural Education and Dairy Science

Thomas Lawrence Krill

### With Distinction in Psychology

Ralph Holmes Boring

### With Distinction in Anthropology and with Honors in the Liberal Arts

Duane Martin Johnson

### With Distinction in Philosophy and with Honors in the Liberal Arts

Mark Norris Lance

### With Distinction in Liberal Arts

Steven Lynn Goble  
Cynthia Anne Hamilton  
Carl S. Rapport

## Cum Laude

Robert Stanley Belser  
Harlan R. Bennett, II  
Cynthia Kay Bern

Ramon Joseph Boshara, Jr.  
James Uhlen Bowling  
Barbara Katrina Burian  
James Patrick Centea  
Samuel Dean Church  
Paul Czerwinski  
Vanessa Marie Douglas  
Robert Charles Emerson  
Eileen Olda Enabnit  
Terry Ray Everson  
Max Robert Farson  
Jenny Lynn Fredritz  
Dianne Lanette George  
Martin Frederick Giel  
Virgil Robert Graham  
David Allen Hermann  
Claude Michel Jamain  
Kevin Dennis Knappe  
Linda Sue Knupp  
Michelle Wadsworth Kozel  
Christopher William Larkin  
Samuel Miller Linzell  
Gloria Jean Maddamma  
Rhonda Brown Margraf  
Cynthia Beck McMahan  
Brenda Diane McNeil  
Judith Smits Miller  
Douglas Raymond Nagle  
Gina M. Napoli  
Donna Sue Peters  
Karen Mitchell Rosser  
Susan Lynn Schechtman  
Barbara Ann Siegel  
Treva Lee Shannon  
Jody Lynn Smulo  
Suzanne Marie Teachey  
Seng Aun Teoh  
Anca Trifan  
Thaddeus Adam Weber  
Amy Louise Werner

### Cum Laude with Honors in the Liberal Arts

Anita Marie Davena

## Summa Cum Laude

Dale Allan Andreatta  
Joyce Ann Barrett  
Frances Elizabeth Blazer  
Cheryl Ann Block  
Mary Gretchen Brell  
Julie Edith Collins  
Peter Czerwinski  
Timothy W. Fuffitt  
Mark Gibson  
Bamin Khomami  
Lisa Marie Klice  
Lois M. Lautenschlager  
Kathryn Weed Lilly  
Teresa Coldiron Lott  
Miles M. McClelland  
Timothy Irving Miller  
Matthew Gerard Seiter

Mary Lou Wendell

### Summa Cum Laude with Distinction in Electrical Engineering

Thomas John Cunningham

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND NINETY-SECOND MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 2, 1983

The Board of Trustees met at its regular monthly meeting on Friday, September 2, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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September 2, 1983 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 12:30 p.m.

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# ELECTION OF ACTING SECRETARY

Resolution No. 84-19

Synopsis: Election of an Acting Secretary is proposed.

WHEREAS, it is with very deep regret and sympathy that the Board of Trustees of The Ohio State University has learned of the illness of Madison H. Scott, Secretary of the Board of Trustees; and

WHEREAS, Mr. Scott will not be available temporarily to serve as Secretary of the Board of Trustees; and

WHEREAS, the duties and responsibilities of the Secretary of the Board of Trustees are delineated in Rule 3335-1-02 (G) of the Ohio Administrative Code; and

WHEREAS, the extent of those duties requires that an Acting Secretary of the Board of Trustees be appointed until Mr. Scott is able to resume those duties; and

WHEREAS, the Board of Trustees has asked Sue L. Mayer, Special Assistant to the President, to serve as Acting Secretary of the Board of Trustees until Mr. Scott is able to resume those duties:

NOW THEREFORE

BE IT RESOLVED, That Sue L. Mayer be elected to serve as Acting Secretary of the Board of Trustees and that she be given all the powers, duties, and authority of that office until Mr. Scott is able to resume those duties.

Upon motion of Mr. Galbreath, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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Dr. Jacob requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John D. Jacob, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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September 2, 1983 meeting, Board of Trustees

Dr. Jacob reconvened the meeting at 2:00 p.m.

#### NAMING OF BUILDING

Resolution No. 84-20

Synopsis: Renaming of building is proposed.

WHEREAS pursuant to authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the President recommended, with the concurrence of the President's Staff, that the original University Hospital building be renamed Charles Austin Doan Hall, to honor Dr. Doan who, during his tenure as Dean of the College of Medicine, was responsible for building the original University Hospital;

NOW THEREFORE

BE IT RESOLVED, That the above specified building be renamed Charles Austin Doan Hall.

Upon motion of Mr. Galbreath, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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#### PERSONNEL ACTIONS

Resolution No. 84-21

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Retirement, Changes in Title, Appointment, Appointment of Department Chairpersons, Reappointment of Chairpersons of Department and Division, Medical Staff--Appointments, Medical Staff--Reappointments, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Change of Date, Professional Improvement Leaves, Professional Improvement Leaves--Change of Date, Professional Improvement Leave--Cancellation and Emeritus Titles are recommended for approval.

September 2, 1983 meeting, Board of Trustees

#### PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the July 8, 1983 meeting of the Board, including the following Retirement, Changes in Title, Appointment, Appointment of Department Chairpersons, Reappointment of Chairpersons of Department and Division, Medical Staff--Appointments, Medical Staff--Reappointments, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Change of Date, Professional Improvement Leaves, Professional Improvement Leaves--Change of Date, Professional Improvement Leave--Cancellation and Emeritus Titles as detailed in the University Budget, be approved.

#### Retirement

GEORGE R. GIST will retire as Director of the Cooperative Extension Service, effective August 31, 1983.

#### Changes in Title

Name:	DONALD P. ANDERSON
Title:	Acting Dean
College:	Education - Administration
Effective:	September 1, 1983
Salary:	\$65,880.00
Present Position:	Associate Dean, College of Education - Administration

Name:	CLARENCE J. CUNNINGHAM
Title:	Acting Director
Office:	Cooperative Extension Service
Effective:	September 1, 1983
Salary:	N/A
Present Position:	Assistant Director, Cooperative Extension Service

#### Appointment

Name:	G. MICHEAL RILEY
Title:	Dean
College:	Humanities
Effective:	October 1, 1983
Salary:	\$60,840.00
Present Position:	Associate Dean, Humanities Division, College of Letters and Science, University of Wisconsin-Milwaukee, Milwaukee, Wisconsin



September 2, 1983 meeting, Board of Trustees

#### PERSONNEL ACTIONS (contd)

Appointment of Department Chairpersons

July 1, 1983 through June 30, 1984

Animal Science	Vern Richard Cahill*
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July 1, 1983 through June 30, 1987

Mechanical Engineering	Lawrence A. Kennedy
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August 1, 1983 through June 30, 1984

Pharmacology	Nicholas Gerber*
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August 1, 1983 through June 30, 1987

Human Nutrition and Food Management	Wayne Allan Johnson
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Reappointment of Chairpersons of Department and Division

July 1, 1983 through June 30, 1984

Biochemistry	Gary E. Means*
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October 1, 1983 through June 30, 1984

Mining Engineering	Calvin J. Konya
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\*Acting Chairperson

Medical Staff--Appointments

Effective May 1, 1983

Richard Solomon, M.D.

Limited Staff in Family Medicine; Clinical Instructor H.S.

Effective July 1, 1983

Dennis P. Brown, M.D.

Limited Staff in General Surgery; Clinical Instructor H.S.

John A. Cheek, D.D.S., M.D.

Courtesy Staff in Oral and Maxillofacial Surgery; Adjunct Assistant Professor

September 2, 1983 meeting, Board of Trustees

# PERSONNEL ACTIONS (contd)

## Medical Staff--Appointments (contd)

Effective July 1, 1983 (contd)

Eric S. Chino, M.D.

Limited Staff in General Surgery; Clinical Instructor H.S.

Rajendrakumari R. Gaglani, M.D.

Limited Staff in Pediatrics; Clinical Instructor H.S.

Linda Gray, M.D.

Limited Staff in Diagnostic Radiology; Clinical Instructor H.S.

Neil Jeffrey Grossman, M.D.

Attending Staff in Pediatrics; Assistant Professor

Yuan H. Lin, M.D.

Limited Staff in Thoracic and Cardiovascular Surgery; Clinical Instructor H.S.

William Richard Miely, M.D.

Limited Staff in Orthopedic Surgery; Clinical Instructor H.S.

Kazi Mobin-Uddin, M.D.

Courtesy Staff in Thoracic and Cardiovascular Surgery; Clinical Associate Professor

James F. Nappi, M.D.

Attending Staff in Plastic Surgery; Assistant Professor

Philip T. Nowicki, M.D.

Attending Staff in Pediatrics; Assistant Professor

Jose A. Ramirez, M.D.

Limited Staff in Orthopedic Surgery; Clinical Instructor H.S.

Henry Redmon, M.D.

Courtesy Staff in Plastic Surgery; Clinical Instructor

Louis Rivello, Jr., M.D.

Limited Staff in Radiation Oncology; Clinical Instructor H.S.

Norman Rothermich, M.D.

Transfer from Attending Staff in Rheumatology (Medicine) to Honorary Staff; Professor Emeritus

Trent Smith, M.D.

Transfer from Attending Staff in Otolaryngology to Honorary Staff; Professor Emeritus

Eugene Alan Waltke, M.D.

Limited Staff in General Surgery; Clinical Instructor H.S.

Effective July 15, 1983

Matharbootham Mani, M.D.

Attending Staff in Anesthesiology; Associate Professor

September 2, 1983 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Medical Staff--Appointments (contd)

Effective July 18, 1983

Luis Amado Lopez, M.D.

Attending Staff in Anesthesiology; Assistant Professor

Effective August 1, 1983

John F. Bradley, M.D.

Limited Staff in Family Medicine; Clinical Instructor H.S.

Kenneth V. Cahill, M.D.

Limited Staff in Ophthalmology; Clinical Instructor H.S.

Stanley Cutler, M.D.

Limited Staff in Family Medicine (Fellow); Clinical Instructor H.S.

Kathleen A. McGowan, M.D.

Attending Staff in Ophthalmology; Clinical Assistant Professor

David Utlak, M.D.

Transfer from Attending Staff in Cardiology to Limited Staff in Cardiology; Clinical Instructor H.S.

#### Medical Staff--Reappointments

Effective July 1, 1983

Craig W. Anderson, M.D.

Attending Staff in Pediatrics

J. John Bock, M.D.

Attending Staff in Orthopedic Surgery

W. Scott Bolz, M.D.

Attending Staff in Orthopedic Surgery

George H. Bonnell, M.D.

Attending Staff in Family Medicine

Robert N. Clark, M.D.

Attending Staff in Orthopedic Surgery

Carl Richard Coleman, M.D.

Attending Staff in Orthopedic Surgery

Martin J. Gottesman, M.D.

Courtesy Staff in Orthopedic Surgery

Richard L. Hess, M.D.

Courtesy Staff in Pediatrics

John R. Kean, M.D.

Courtesy Staff in Orthopedic Surgery

September 2, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Reappointments (contd)

Effective July, 1, 1983 (contd)

Stephen A. Koff, M.D.

Attending Staff in Urology

Lawrence Lubbers, M.D.

Attending Staff in Orthopedic Surgery

Thomas H. Mallory, M.D.

Courtesy Staff in Orthopedic Surgery

James H. Nelson, III, M.D.

Courtesy Staff in Urology

Melvin L. Olix, M.D.

Attending Staff in Orthopedic Surgery

John B. Roberts, M.D.

Attending Staff in Orthopedic Surgery

Tony Sarin, M.D.

Courtesy Staff in Obstetrics and Gynecology

Edwin Season, M.D.

Courtesy Staff in Orthopedic Surgery

Richard F. Slager, M.D.

Attending Staff in Orthopedic Surgery

Martin A. Torch, M.D.

Transfer from Attending Staff in Orthopedic Surgery to Courtesy Staff

Richard H. Turner, M.D.

Courtesy Staff in Orthopedic Surgery

Louis J. Unverferth, M.D.

Courtesy Staff in Orthopedic Surgery

Stephen W. Weber, M.D.

Courtesy Staff in Radiology

Lawrence D. Weis, M.D.

Attending Staff in Orthopedic Surgery

Reinhard A. Westphal, M.D.

Attending Staff in Orthopedic Surgery

Ben R. Wiltberger, M.D.

Attending Staff in Orthopedic Surgery

John S. Wolfe, M.D.

Courtesy Staff in Orthopedic Surgery

Wilhelm A. Zuelzer, M.D.

Attending Staff in Orthopedic Surgery

September 2, 1983 meeting, Board of Trustees

## PERSONNEL ACTIONS (contd)

### Leaves of Absence Without Salary

GEORGE J. DEMKO, Professor, Department of Geography, effective Autumn Quarter 1983, and Winter Quarter 1984, to accept a temporary appointment at the National Science Foundation.

LI-SHENG W. FU, Associate Professor, Department of Engineering Mechanics, effective Autumn Quarter 1983 and Winter Quarter 1984, to serve as a visiting professor at Taiwan University.

PATRICK BLAHUT, Assistant Professor, College of Dentistry (Community Dentistry), effective August 17, 1983 through September 30, 1983, for personal reasons.

ROBERT R. FURBEE, Assistant Professor, Cooperative Extension Service, effective September 1, 1983 through August 31, 1984, to pursue Ph.D. degree.

DEBORAH Y. GEORG, Assistant Professor, Department of Landscape Architecture, effective October 1, 1983 through June 30, 1984.

JOAN E. HERR, Assistant Professor, Department of Human Nutrition and Food Management, effective October 1, 1983 through September 30, 1984, for personal reasons.

EVA T. CHAPIN, Instructor, Department of Radiology, effective August 1, 1983 through September 25, 1983, for personal reasons.

### Leave of Absence Without Salary--Change of Date

NEELAMEGAN SOUNDARARAJAN, Assistant Professor, Department of Computer and Information Science, change leave of absence from April 1, 1983 through September 30, 1983, to April 1, 1983 through June 30, 1983.

### Professional Improvement Leaves

YEHIEL HAYON, Professor, Department of Judaic and Near Eastern Languages and Literatures, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

THEODORE KUWANA, Professor, Department of Chemistry, effective Autumn Quarter 1984 and Winter Quarter 1985.

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

JOHN M. MUSTE, Professor, Department of English, effective Winter Quarter and Spring Quarter 1985.

FRANK R. SILBAJORIS, Professor, Department of Slavic & East European Languages and Literatures, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

THOMAS M. WOODSON, Professor, Department of English, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

EIICHI BANNAI, Associate Professor, Department of Mathematics, effective Spring Quarter and Autumn Quarter 1984, and Winter Quarter 1985.

MICHELINE P. BESNARD-COURSODON, Associate Professor, Department of Romance Languages and Literatures, effective Autumn Quarter 1984, and Winter Quarter and Spring Quarter 1985.

DAVID A. CULVER, Associate Professor, Department of Zoology, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

DAVID R. DOWTY, Associate Professor, Department of Linguistics, effective Autumn Quarter 1984, and Winter Quarter and Spring Quarter 1985.

RUPERT P. HERD, Associate Professor, Department of Veterinary Pathobiology, effective Spring Quarter and Summer Quarter 1984.

FENG S. HSUEH, Associate Professor, Department of East Asian Languages and Literatures, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

JASON C. HSU, Associate Professor, Department of Statistics, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

SUSAN L. HUNTINGTON, Associate Professor, Department of History of Art, effective Autumn Quarter 1983, Winter Quarter and Spring Quarter 1984.

September 2, 1983 meeting, Board of Trustees

## PERSONNEL ACTIONS (contd)

### Professional Improvement Leaves (contd)

JOSEPH H. LYNCH, Associate Professor, Department of History, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

EUGENE J. WATTS, Associate Professor, Department of History, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

ANN K. BLOMBACH, Assistant Professor, School of Music, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

BEVERLY G. SEATON, Assistant Professor, Department of English (Newark), effective Autumn Quarter 1984 and Winter Quarter 1985.

### Professional Improvement Leaves--Change of Date

ALFRED G. BISHARA, Professor, Department of Civil Engineering, extension of leave to include Autumn Quarter 1983.

GEORGE P. ECKER, Associate Professor, Department of Educational Policy and Leadership, change of leave from Autumn Quarter 1983, Winter Quarter, Spring Quarter, and Summer Quarter 1984 to Autumn Quarter 1983.

### Professional Improvement Leave--Cancellation

DONALD H. DEAN, Associate Professor, Department of Microbiology, effective Autumn Quarter 1983, Winter Quarter and Spring Quarter 1984.

### Emeritus Titles

EDNA FRITZ, College of Nursing, with the title Dean Emeritus, effective September 1, 1983.

GEORGE R. GIST, Cooperative Extension Service, with the title Director Emeritus, effective September 1, 1983.

JOHN W. HIBBS, Department of Dairy Science, with the title Professor Emeritus, effective August 1, 1983.

September 2, 1983 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Emeritus Titles (contd)

STELLA B. KONTRAS, Department of Pediatrics, with the title Professor Emeritus, effective September 1, 1983.

ROY B. MCCAULEY, Department of Welding Engineering, with the title Professor Emeritus, effective July 1, 1983.

BETTY J. MEYER, University Libraries, with the title Professor Emeritus, effective October 1, 1983.

FRANK C. WEIMER, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1983.

VERN A. VANDEMARK, Department of Agricultural Economics and Rural Sociology, with the title Associate Professor Emeritus, effective September 1, 1983.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### RESOLUTIONS IN MEMORIAM

Resolution No. 84-22

Synopsis: Resolutions honoring the service of four of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the family of the deceased.

Upon motion of Mr. Teaford, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.



September 2, 1983 meeting, Board of Trustees

#### RESOLUTIONS IN MEMORIAM (contd)

Edward S. Chapman, D.D.S.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 11, 1983, of Dr. Edward S. Chapman, Assistant Professor Emeritus in the College of Dentistry.

Dr. Chapman received his D.D.S. degree from The Ohio State University in 1934.

Dr. Chapman was a member of the faculty of the College of Dentistry from 1947 until his retirement in 1975. He also maintained a successful private practice.

Dr. Chapman was Past President of Columbus Dental Society, Diplomat of the American Association of Endodontists, Past President of Ohio Association of Dental Practice Administration, member of the Columbus Dental Veterans, member of the Executive Board, Columbus Council of Boy Scouts and recipient of their Silver Beaver Award. He was also a Veteran of World War II, U. S. Army.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Elizabeth M. Mote

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 10, 1983, of Mrs. Elizabeth M. Mote, Assistant Professor Emeritus, Department of Microbiology, College of Biological Sciences.

Elizabeth M. Mote was born December 11, 1909, in Columbus, Ohio, where she attended East High School and graduated in 1926. She received her B.A. from The Ohio State University in 1930 and her M.S. in 1931 from the Department of Bacteriology and Parasitology, The University of Chicago.

She then served as a Research Associate at the University of Illinois Medical School until 1932. From 1932 until 1941, she was Director of the E. M. Myers Clinical Laboratory in Columbus, Ohio.

September 2, 1983 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

### Elizabeth M. Mote (contd)

In 1959 Mrs. Mote joined The Ohio State University as an Assistant Instructor in Bacteriology and was promoted to Instructor in 1963 and Assistant Professor in 1970. Throughout her tenure at Ohio State, Mrs. Mote took an active interest in teaching and advising students. She served as Coordinating Advisor for majors in Microbiology, liaison for Nursing and Allied Health Programs, advisor for the OSU Optometric Dames Club as well as a member of the Parent Orientation Program, Student Concerns Committee, Arts and Sciences Committee on Counseling and Arts and Sciences Curriculum Committee. She was the first recipient of the Rosalene Sedgwick Faculty Service Award, established to honor faculty who have given outstanding service as a faculty advisor or as a teacher whose work has directly affected the quality of the academic experience of undergraduate students. In both 1970 and 1971 she was named one of the Outstanding Teachers by The Colleges of the Arts and Sciences.

During her tenure at Ohio State, Mrs. Mote co-authored several editions of A Workbook for General Microbiology, which is still used.

On June 30, 1978, Mrs. Mote retired, yet continued to serve part-time as Instructor of General Microbiology for several years. During the summer of 1979, she taught in the Gifted Children's Program in Fairbanks, Alaska.

She was a member of the American Society for Microbiology, Ohio branch of ASM, Sigma Xi, Sigma Delta Epsilon, Helix, Alpha Epsilon Delta, and Chimes.

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere expression of the Board's realization of the loss which the family and The Ohio State University has sustained.

### Francis P. Robinson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 6, 1983, of Francis P. Robinson, Professor Emeritus in the Department of Psychology.

Francis P. Robinson was born December 21, 1906 in Danville, Indiana. He received a B.A. degree from the University of Oregon in 1929; an M.A. in 1930 and a Ph.D. in 1932 from the State University of Iowa. He directed the Reading Clinic at the State University of Iowa from 1929-33; was assistant professor from 1933-34, professor and head from 1934-37 of the Department

## RESOLUTIONS IN MEMORIAM (contd)

Francis P. Robinson (contd)

of Psychology and Education at Stout Institute; became an assistant professor in the Department of Psychology, The Ohio State University in 1937, associate professor in 1941, and professor in 1944, serving in that capacity until his retirement in 1971. He established one of the nation's first training programs in counseling psychology at Ohio State, served as its director for more than twenty years, and advised students on nearly 100 M.A. theses and Ph.D. dissertations in this field. He was visiting professor at eight colleges and universities in the U. S. and at universities in Canada, Japan, and the United Kingdom; consultant to the U. S. Office of Education and the Veterans Administration; editorial board member for several journals and editor of the Journal of Counseling Psychology from 1964-69; and author of more than sixty publications and four textbooks, including Psychology and the New Education, co-authored with Sidney L. Pressey and published in five foreign languages. Widely known for his research on reading and effective study, he was the originator of the SQ3R method of studying.

Professor Robinson was a founding member of the Division of Counseling Psychology of the American Psychological Association. He was a fellow of the American Psychological Association (council of representatives 1949-53, 1964-67, council of editors 1967-69); fellow of the Division of Counseling Psychology (executive committee 1951-54, 1956-59, president 1954-55); fellow of the Division of Educational Psychology; member of the Ohio Psychological Association (president 1941); and member of the American Personnel and Guidance Association. Professor Robinson's enthusiasm for world travel and his artistry as a photographer were revealed in his award winning photographic exhibitions and his presentations to friends and members of local and national photographic societies.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Anthony J. Ruppertsberg, Jr., M.D.

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 17, 1983 of Anthony J. Ruppertsberg, M.D., Professor Emeritus, Department of Obstetrics and Gynecology.

Anthony J. Ruppertsberg was born on June 30, 1907 in Columbus, Ohio. He received his B.S. degree from Lafayette College in 1929 and his M.D. degree from Jefferson Medical College in 1933. Following internship at the Jefferson Hospital in Philadelphia, Dr. Ruppertsberg entered the general practice of medicine for a period of five years, until the beginning of World War II. During this period, Dr. Ruppertsberg also served as Health Commissioner for

September 2, 1983 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Anthony J. Ruppertsberg, Jr., M.D. (contd)

the City of Bexley. He served 5 1/2 years in the Army during which time he earned the Legion of Merit with the Oak Leaf Cluster. Following discharge as a Colonel, Dr. Ruppertsberg continued in the Active Reserves.

Following his military service, Dr. Ruppertsberg took residency training in Obstetrics and Gynecology at Jefferson Hospital and the Margaret Hague Maternity Hospital in Pittsburgh. He became a Fellow of the American College of Obstetrics and Gynecology in 1952 and a diplomate of the American Board of Obstetrics and Gynecology in 1953. Dr. Ruppertsberg practiced until his death and was held in the highest of esteem by his patients. He was a member of the active staff at Grant Hospital during this period.

He was active in public service and was co-founder of the Ohio State Medical Association's Ohio Maternal Mortality Study. In addition, he served as a member of the Ohio State Medical Board for 13 years during which time he was President and, at the time of his death, was Secretary. In his role as a member of the State Medical Board and as President and Secretary, Dr. Ruppertsberg served the people of Ohio with great distinction. He was a member of the Academy of Medicine of Columbus and Franklin County, the Ohio State Medical Association and the American Medical Association. His many memberships included those in the Central Association of Obstetricians and Gynecologists, Pan Pacific Surgical Association, International College of Surgeons and the Pan American Medical Association.

Dr. Ruppertsberg was appointed to the faculty of The Ohio State University College of Medicine as a Clinical Instructor in 1952 and remained active in the teaching programs of the Department until his retirement in 1977, at which time he was granted a Professor Emeritus title. During his tenure as a faculty member at Ohio State University, Dr. Ruppertsberg was the author of many scientific publications and was greatly admired and respected by his students and colleagues.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-23

Synopsis: The reports on contracts, grants, and gifts and the summary for June and July 1983 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund during the months of June and July 1983, be approved.

Upon motion of Mr. Redman, seconded by Mr. Berry, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

SUMMARY FOR JUNE 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	182	\$15,614,751.41
Engineering Experiment Station	33	\$ 366,362.00
		\$15,981,113.41

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JUNE 1983 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

Wilkins-Lloyd Legal Scholarship Fund (College of Law - scholarships)	\$ 404,705.90
Tackett Memorial Endowment Fund (College of Engineering - scholarships)	\$ 75,000.00
Lloyd-Wilkins Dental Scholarship Fund (College of Dentistry - scholarships)	\$ 71,418.69
Francis W. Davis Fellowship for the Department of Photography and Cinema (Fellowship in Department of Photography and Cinema)	\$ 5,000.00
The Benny Klein Memorial Fund in the College of Medicine (Cancer research programs)	\$ 5,000.00
The Joseph E. Zupancic Scholarship Fund (Industrial Technology Education - scholarships)	\$ 5,000.00

Report from Presidents Club

Members to date	4,609
1983 members: year to date	67
New members - June 1983	13

New Presidents Club Members - June 1983

Silvio Bisciotti	Richard T. McIntosh
Richard Boucher	Miriam Mikesell
Dennis R. Cebul	(Mrs. Robert L.)
Michael J. Clark	L. Scott Papas
Allan I. Gordon	Thomas J. Turner
Jack K. Hill	Thomas A. Twigg
Jeffrey R. Kreutzberg	Paul E. Watkins

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JULY 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	59	\$ 5,407,781.96
Engineering Experiment Station	20	\$ 98,463.00
Ohio Agricultural Research and Development Center	2	\$ 89,300.00
		\$ 5,595,544.96

The Ohio State University Development Fund

Establishment of Named Funds

The Adam and Clara Maurer Scholarship Fund (College of Education - scholarships)	\$ 10,000.00
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Duane C. Brown Fund (Award in photogrammetry)	\$ 6,600.00
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Dorothy Sumption Wirthwein-Women's Physical Education Fund (Graduate Fellowship)	\$ 5,020.98
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The Franz Theodore Stone Laboratory Scholarship Fund (Franz Theodore Stone Laboratory - scholarships)	\$ 5,000.00
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Report from Presidents Club

Members to date	4,616
1983 members: year to date	82
New members - July 1983	15

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JULY 1983 (contd)

The Ohio State University Development Fund (contd)

New Presidents Club Members - July 1983

Rolf F. Barth  
R. Dennis Blose  
Jeannette Burks  
(Mrs. Paul)  
Victor J. Cook  
Jessie Gould  
(Mrs. Wilbur A.)  
Marlene E. Griffin  
(Mrs. John W.)

Richard H. Ketterling  
Joel G. Lucas  
John J. Lunn  
Anne M. Lunn  
(Mrs. John J.)  
Susan I. Price  
Mark D. Sandridge  
Dean W. Simeral  
Alan C. Trotman  
Frank J. Waxman



September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FOURTH QUARTER SUMMARY

April 1, 1983 through June 30, 1983

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Awards	Amount of Support
FEDERAL		
National Aeronautics and Space Administration	10	\$ 352,244.00
National Science Foundation	54	3,582,382.00
Department of Defense	16	835,915.00
Department of Energy	8	534,184.00
Department of Education	17	3,323,860.00
Department of Health and Human Services	50	4,095,864.00
Other Federal	25	6,273,053.00
TOTAL - FEDERAL	180	\$18,997,502.00
STATE OF OHIO	19	\$ 635,078.55
INDUSTRIAL	33	\$ 1,694,198.04
OTHER NON-FEDERAL	102	\$ 2,588,168.94
GRAND TOTAL	334	\$23,914,947.53

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FOURTH QUARTER SUMMARY

April 1, 1983 through June 30, 1983

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Awards	Amount of Support
STATE OF OHIO	2	\$ 67,486.00
INDUSTRIAL AND OTHER	123	\$706,711.00
TOTALS	125	\$774,197.00

September 2, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - June 1983

#### Federal Research Contracts/Grants

\$4,221,999.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Center for Human Resource Research, Academic Faculty of Labor and Human Resources (M. E. Borus), 1 October 1983 through 30 September 1984. (Project 760081 - Continuation)

\$1,029,999.00 - Department of Education, Washington, D. C., Supplemental Studies for The National Center for Research in Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1983 through 30 September 1984. (Project 763605 - New)

\$604,027.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bureau of Community Health Services, Maternal and Child Health Training, Rockville, Maryland, Mental Retardation Training, Nisonger Center for Mental Retardation (G. E. Martin), 1 July 1983 through 30 June 1984. (Project 761169 - Continuation)

\$499,997.00 - National Science Foundation, Washington, D. C., Charge Transfer at Interfaces, Materials Research Laboratory (J. C. Garland), 1 August 1983 through 31 July 1984. (Project 763216 - Continuation)

\$435,230.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Regional Resource Center, Academic Faculty of Exceptional Children (T. M. Stephens), 1 June 1983 through 31 May 1984. (Project 763600 - New)

\$400,000.00 - Agency for International Development, Washington, D. C., Cooperative Agreement between The Ohio State University and U. S. Agency for International Development for the Improvement of Savings and Credit Services by Rural Financial Institutions in Lesser-Developed Countries, Department of Agricultural Economics and Rural Sociology (D. H. Graham and D. H. Boyne), 24 September 1983 through 31 March 1984. (Project 763301 - Continuation)

\$365,000.00 - Agency for International Development, Washington, D. C., Improvement of Savings and Credit Services by Rural Financial Institutions in Honduras, Department of Agricultural Economics and Rural Sociology (D. H. Graham and D. H. Boyne), 1 April 1983 through 31 March 1984. (Project 763301 - Continuation)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$190,000.00 - National Science Foundation, Washington, D. C., Motion Control, Natural Phenomena, and Parallel Architectures for Display Algorithms, Department of Art Education (C. A. Csurí), 15 June 1983 through 31 May 1984. (Project 763611 - New)

\$184,800.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Graduate and Professional Opportunities Program, Graduate School Administration (A. S. Pruitt), 1 September 1983 through 31 August 1984. (Project 763610 - New)

\$177,873.00 - Environmental Protection Agency, Washington, D. C., Effect of Composted Municipal Sludge on Soil-Borne Plant Pathogens, Department of Pathology (OARDC) (H. A. J. Hoitink and A. F. Schmitthenner), 15 June 1983 through 14 June 1985. (Project 763617 - New)

\$155,314.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1983 through 30 June 1984. (Project 761160 - Continuation)

\$150,000.00 - Department of the Interior, Bureau of Mines, Washington, D. C., Mining and Mineral Resources Research Institute Annual Allotment, College of Engineering - Mining Engineering (C. J. Konya), 1 July 1983 through 30 June 1984. (Project 763693 - New)

\$147,380.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry (L. A. Paquette), 1 June 1983 through 31 May 1984. (Project 763284 - Continuation)

\$147,318.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, A Model of Parainfectious Demyelinating Encephalitis, Department of Veterinary Pathobiology, (G. S. Krakowka), 1 July 1983 through 30 June 1984. (Project 762797 - Continuation)

\$143,409.00 - Department of Energy, Lawrence Berkeley Laboratory, University of California, Berkeley, California, An Experimental Evaluation of the Thermodynamic Properties of Alkaline Battery Electrodes in Concentrated Alkali Hydroxide Solutions, Department of Metallurgical Engineering (D. D. Macdonald), 1 June 1983 through 31 May 1986. (Project 763606 - New)

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$132,620.00 - Department of Education, Office of Rehabilitation Services Administration, Washington, D. C., Training Grant in Physical Medicine and Rehabilitation, Department of Physical Medicine (E. W. Johnson), 1 July 1983 through 30 June 1984. (Project 760750 - Continuation)

\$129,997.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Application of Optical Computing Techniques to Jet Engine Control, Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins), 29 July 1983 through 30 July 1984. (Project 761795 - Continuation)

\$120,094.00 - Department of the Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Immune Dysfunctions and Abrogation of the Inflammatory Response by Environmental Chemicals, Department of Veterinary Pathobiology (R. G. Olsen and M. Tarr), 1 July 1983 through 30 June 1984. (Project 763614 - New)

\$115,247.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina, Genotoxicity in Human Fetal Brain, Dermis and Kidney, Departments of Radiology and Pharmacology (S. M. D'Ambrosio), 20 June 1983 through 31 May 1984. (Project 763673 - New)

\$113,162.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathology of Mitochondria in Ischemic Myocardium, Department of Physiological Chemistry (G. P. Brierley), 1 July 1983 through 30 June 1984. (Project 761229 - Continuation)

\$102,300.00 - Department of Agriculture, Science and Education, Arlington, Virginia, Cloning of Virulence Genes from Erwinia stewartii, Department of Plant Pathology (OARDC) (D. L. Coplin), 1 August 1983 through 31 July 1985. (Project 763687 - New)

\$100,000.00 - National Endowment for the Humanities, Challenge Grant Program, Washington, D. C., Challenge Grant for the Hilander Research Project Endowment, University Libraries (W. J. Studer), 1 March 1983 through 31 July 1986. (Project 763686 - New)

\$99,991.00 - Department of the Navy, Naval Air Station, Point Mugu, California, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 15 June 1983 through 14 June 1984. (Project 763148 - Continuation)

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$98,639.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Effector Mechanisms in Allergic Encephalomyelitis, Department of Medicine (C. C. Whitacre) and Department of Pathology (A. J. Yates), 1 July 1983 through 30 June 1984. (Project 763206 - Continuation)

\$93,714.00 - Department of Defense, Washington, D. C., The Basic Issues Involved in Military Competence: An Historical Examination, Mershon Center for Education in National Security and Department of History (A. R. Millett) and Department of History (W. Murray), 1 May 1983 through 30 April 1984. (Project 763532 - New)

\$93,704.00 - National Science Foundation, Washington, D. C., Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 September 1983 through 31 August 1984. (Project 761850 - Continuation)

\$92,000.00 - National Science Foundation, Washington, D. C., Structure, Dynamic Behavior and Synthesis of Selected Carbanionic Substances, Department of Chemistry (G. A. Fraenkel), 1 July 1983 through 30 June 1984. (Project 763630 - Continuation)

\$88,969.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., The Central Ohio Consortium for the Improvement of Postsecondary Computer Science Education, Department of Computer and Information Science (S. H. Zweben), 1 October 1983 through 30 September 1984. (Project 763306 - Continuation)

\$87,000.00 - National Science Foundation, Washington, D. C., Paleontologic and Geologic History of the James Ross Island Basin, Antarctica, Institute of Polar Studies (W. J. Zinsmeister), and Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot), 1 July 1983 through 30 June 1984. (Project 763601 - New)

\$85,400.00 - National Science Foundation, Washington, D. C., An Equipment Proposal for Acquisition of Mechanical Testing Facilities, Department of Metallurgical Engineering (R. G. Hoagland), 15 June 1983 through 31 May 1984. (Project 763593 - New)

\$84,474.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Chymotrypsin Deacylation - An In-Depth Study, Department of Chemistry (M. H. Klapper), 1 July 1983 through 30 June 1984. (Project 763200 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$83,878.00 - Department of Health and Human Services, Public Health Service, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Amphetamine, Monoamines and Behavior, College of Pharmacy (N. J. Uretsky), 1 July 1983 through 30 June 1984. (Project 761210 - Continuation)

\$82,856.00 - National Science Foundation, Washington, D. C., Dynamics and Control of Kinetically Redundant Robotic and Biological Systems, Department of Mechanical Engineering (N. Berne, C. A. Klein, S. Koozekanani and R. McGhee), 15 July 1983 through 14 July 1984. (Project 763208 - Continuation)

\$81,200.00 - National Science Foundation, Washington, D. C., Low Temperature Electronic Properties of Conducting Solids, Department of Physics (J. C. Garland), 1 July 1983 through 30 June 1984. (Project 762691 - Continuation)

\$80,802.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Gaseous Corrosion of Silicon Based Ceramics, Department of Ceramic Engineering (E. R. Kreidler and D. W. Readey), 1 October 1983 through 30 September 1984. (Project 763186 - Continuation)

\$79,477.00 - Department of the Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Development of an *in Vivo* Assay for Mistranslation - Inducing Activity of Pollutants and Characterization of Amino Acid Substitutions, Department of Microbiology (J. N. Reeve), 1 April 1981 through 31 July 1984. (Project 762592 - Continuation)

\$77,779.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, *In Vivo* Release of Transformed Cell-Specific Proteins, Department of Physiological Chemistry and Cancer Research Center (T. E. Webb) and Department of Physiological Chemistry (D. E. Schumm), 1 June 1983 through 31 May 1984. (Project 763071 - Continuation)

\$73,263.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina, Trihalomethanes in Water: An Epidemiologic Model, Department of Preventive Medicine (J. R. Wilkins, III) and Cancer Research Center (N. A. Reiche), 1 July 1983 through 30 June 1984. (Project 762748 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$71,883.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Optical Flow and Texture Variables Useful in Determining and Guiding Self Motion, Department of Psychology (D. H. Owen), 15 April 1983 through 30 September 1983. (Project 763524 - New)

\$70,884.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Prolactinomas: In Vivo and in Vitro Studies, Department of Medicine (W. B. Malarkey) and Department of Veterinary Pathobiology (C. C. Capen), 1 July 1983 through 30 June 1984. (Project 763223 - Continuation)

\$70,732.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland,  $^{17}\text{O}$  and  $^{31}\text{P}$  NMR of Biophosphates, Department of Chemistry (M. D. Tsai), 1 August 1983 through 31 July 1984. (Project 763228 - Continuation)

\$70,000.00 - National Science Foundation, Washington, D. C., Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey), 1 July 1983 through 30 June 1984. (Project 762751 - Continuation)

\$69,508.00 - National Science Foundation, Washington, D. C., Phylogeny in the Green Algal Class Ulvophyceae, Department of Botany (G. L. Floyd), 1 July 1983 through 30 June 1984. (Project 763669 - New)

\$64,180.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Stereochemistry of Enzyme Reactions to Phosphorus, Department of Chemistry (M. D. Tsai), 1 July 1983 through 30 June 1984. (Project 762722 - Continuation)

\$63,739.00 - Department of Housing and Urban Development, Washington, D. C., Indefinite Quantity Contract for Housing Finance Research, Academic Faculty of Finance (R. L. Racster), 14 June 1983 through 13 June 1984. (Project 763508 - Continuation)

\$63,586.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Research on Braking and Handling Properties of Trucks and Other Vehicles, Department of Mechanical Engineering (D. A. Guenther), 1 July 1983 through 30 September 1984. (Project 763106 - Continuation)



REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$60,157.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Bethesda, Maryland, The Enzymology of Mercury Detoxification, College of Pharmacy (J. W. Williams), 1 July 1983 through 30 June 1984. (Project 762733 - Continuation)

\$60,000.00 - National Science Foundation, Washington, D. C., Dispersion versus Absorption (DISPA) Line Shape Analysis for Inhomogeneously Broad Spectra, Department of Chemistry (A. G. Marshall), 1 July 1983 through 30 June 1984. (Project 763690 - New)

\$54,427.00 - National Science Foundation, Washington, D. C., Maintenance of the Bacillus Genetic Stock Center, Department of Microbiology (D. H. Dean), 1 August 1983 through 31 July 1984. (Project 762225 - Continuation)

\$54,397.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Energetics of Calcium Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 July 1983 through 30 June 1984. (Project 760993 - Continuation)

\$52,351.00 - National Science Foundation, Washington, D. C., Ultrastructure of Fossil Pollen and Spores, Department of Botany (T. N. Taylor), 1 October 1983 through 30 September 1984. (Project 762215 - Continuation)

\$50,928.00 - Department of Health and Human Services, Public Health Service, Health Research Services Administration, Division of Associated Health Professions, Hyattsville, Maryland, Graduate Program in Health Administration, College of Medicine - Administration (S. F. Loebs), 1 October 1983 through 30 September 1984. (Project 761329 - Continuation)

\$48,000.00 - National Science Foundation, Washington, D. C., ISSOS--Operating Software for Industrial Systems, Department of Computer and Information Science (K. Schwan), 1 October 1983 through 30 September 1985. (Project 763598 - New)

\$46,909.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Ontogeny and Plasticity of Identified Spinal Systems, Department of Anatomy (R. H. Ho), 1 July 1983 through 30 June 1984. (Project 763196 - Continuation)

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$45,000.00 - National Science Foundation, Washington, D. C., The Physiology of Elongate Windpipes in Cranes, Department of Zoology (A. S. Gaunt), 1 June 1983 through 31 May 1984. (Project 763528 - New)

\$42,000.00 - Department of the Army, Army Corps of Engineers, Cold Regions and Research and Engineering Laboratory, Hanover, New Hampshire, Mapping and Response of Soils and Landforms to Environmental Stresses in Northern Alaska, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 9 June 1983 through 30 April 1984. (Project 762749 - Continuation)

\$41,526.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development - Health/Neck Simulator, Department of Mechanical Engineering (D. A. Guenther), 1 August 1983 through 31 December 1983. (Project 763173 - Continuation)

\$41,470.00 - National Science Foundation, Washington, D. C., Studies of Anatomically Preserved Plants from the Permian and Triassic of Antarctica, Institute of Polar Studies and Department of Botany (T. N. Taylor), 1 May 1983 through 30 April 1984. (Project 763591 - New)

\$40,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Transition-Region Heat Transfer and Rough Surface Effects on Turbo-Machine Flow Problems, Department of Mechanical Engineering (L. S. Han), 1 May 1983 through 30 September 1983. (Project 763057 - Continuation)

\$36,400.00 - National Science Foundation, Washington, D. C., Exploration of Radical Addition Reactions in the Synthesis of Complex Molecules, Department of Chemistry (D. J. Hart), 1 September 1983 through 31 August 1984. (Project 763219 - Continuation)

\$35,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of Low Cost Filler Materials for Welding High Strength Steels and Titanium Alloys, Department of Welding Engineering (D. G. Howden), 1 January 1983 through 31 July 1983. (Project 762890 - Continuation)

\$33,532.00 - National Science Foundation, Washington, D. C., Relativistic Optical Model at Intermediate Energies, Department of Physics (B. C. Clark), 1 July 1983 through 30 June 1984. (Project 763671 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,417.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Clinical Cancer Education Program, Department of Surgery (A. G. James), 1 July 1982 through 30 June 1984. (Project 761412 - Continuation)

\$29,988.00 - Environmental Protection Agency, Washington, D. C., Effects of Toxic Substances on Growth, Survival and Pathology of Larval Fishes in the River Basin Estuary, Michigan, Lake Erie, Center for Lake Erie Area Research (C. E. Herdendorf), 27 June 1983 through 26 June 1985. (Project 763665 - New)

\$27,800.00 - National Science Foundation, Washington, D. C., P-Polynomial and Q-Polynomial Association Schemes, Department of Mathematics (E. Bannai), 1 July 1983 through 30 June 1985. (Project 763647 - Continuation)

\$27,641.00 - Department of Education, Washington, D. C., Career Planning Support System Developer Demonstrator Project, II, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 11 May 1984. (Project 763287 - Continuation)

\$27,569.00 - Department of Health and Human Services, Public Health Service, Food and Drug Administration, Rockville, Maryland, The Veterinary Drug Experience Reporting Program, Department of Veterinary Clinical Sciences (W. W. Muir), 27 June 1981 through 31 March 1984. (Project 762689 - Continuation)

\$25,800.00 - National Science Foundation, Washington, D. C., Combinatorial Problems and Their Applications, Department of Mathematics (D. K. Ray-Chaudhuri), 1 July 1983 through 30 June 1984. (Project 762779 - Continuation)

\$25,000.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, Pasadena, California, Support of the NASA Propagation Studies and Measurements Program, Department of Electrical Engineering, ElectroScience Laboratory, (C. A. Levis and E. K. Damon), 1 July 1983 through 31 August 1983. (Project 763692 - New)

\$24,650.00 - National Science Foundation, Washington, D. C., Transmission of Optical Solitons, Department of Mathematics (Y. Kodama), 1 July 1983 through 30 June 1985. (Project 763619 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$23,700.00 - National Science Foundation, Washington, D. C., Investigations in Hermitian Algebraic K-Theory of Topological Spaces and Applications to Geometric Topology, Department of Mathematics (Z. Fiedorowicz), 1 July 1983 through 30 June 1985. (Project 763640 - New)

\$21,750.00 - Department of Health and Human Services, Public Health Service, National Institute on Drug Abuse, Rockville, Maryland, Dependence upon Analgesic Electrical Brain Stimulation, Department of Psychology (B. E. Thorn-Gray), 1 June 1983 through 31 May 1984. (Project 763621 - New)

\$21,350.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 July 1983 through 30 June 1984. (Project 763618 - Continuation)

\$21,005.00 - National Science Foundation, Washington, D. C., Nonlinear Wave Motion, Department of Mathematics (J. M. Greenberg), 1 July 1983 through 30 June 1984. (Project 763660 - New)

\$17,877.00 - National Science Foundation, Washington, D. C., A Differential Scanning Calorimeter for Polymer and Chemical Engineering Research, Department of Chemical Engineering (L. J. Lee), 1 June 1983 through 31 May 1984. (Project 763597 - New)

\$17,736.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Anatomy of Acoustic-Motor Pathways, Department of Anatomy (G. F. Martin, Jr. and F. H. Willard), 1 June 1983 through 31 May 1984. (Project 763100 - Continuation)

\$16,432.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, SID Design Modification, Department of Mechanical Engineering (R. L. Stalnaker), 1 July 1983 through 31 January 1984. (Project 763466 - Continuation)

\$16,000.00 - National Science Foundation, Washington, D. C., Array Processor-Based Research Simulator for Interactive Computation in Power System Security and Dynamic Analysis, Department of Electrical Engineering (A. Keyhani and D. E. Orin), 1 July 1983 through 30 June 1985. (Project 763595 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$15,000.00 - Department of Agriculture, Agricultural Research Service, Washington, D. C., A Preliminary Examination of Factors Related to Enrollment in and Completion of College and University Agriculture Programs, The National Center for Research in Vocational Education (R. E. Taylor), 25 May 1983 through 24 May 1987. (Project 763604 - New)

\$14,925.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propeller/Rotor Icing Study, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 July 1983 through 1 November 1983. (Project 762399 - Continuation)

\$13,150.00 - National Science Foundation, Washington, D. C., Elliptic Systems and Hecke Operators on Locally Symmetric Spaces, Department of Mathematics (H. Moscovici), 1 July 1983 through 30 June 1984. (Project 763636 - Continuation)

\$11,000.00 - National Science Foundation, Washington, D. C., The Residue of the p-Adic Zeta Function of a Number Field, Department of Mathematics (W. M. Sinnott), 1 July 1983 through 30 June 1984. (Project 763672 - New)

\$10,800.00 - National Science Foundation, Washington, D. C., Combinatorics and Real Numbers, Department of Mathematics (T. Carlson), 1 July 1983 through 30 June 1984. (Project 763596 - New)

\$10,000.00 - Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D. C., Research Related to Inertial Survey Systems, Department of Geodetic Science and Surveying (I. I. Mueller), 20 June 1983 through 30 September 1983. (Project 763302 - Continuation)

\$10,000.00 - Department of Agriculture, Agricultural Research Service, Washington, D. C., Development and Use of a Model Student Recruitment Program for U. S. Colleges of Agriculture, College of Agriculture and Home Economics - Administration (K. W. Reisch), 1 July 1983 through 30 June 1987. (Project 763701 - New)

\$8,208.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Feasibility Study on Diffusion Bonding in GaAs Solar Cell Fabrication, Department of Welding Engineering (C. A. Albright), 27 June 1983 through 27 September 1983. (Project 763646 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$2,925.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 23 June 1983 through 30 November 1983. (Project 760025 - Continuation)

\$2,748.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Discrete Control Modeling of Computer-Aided Control of Strongly Interactive Systems, Department of Industrial and Systems Engineering (R. A. Miller) and Department of Psychology (R. J. Jagacinski), 1 July 1983 through 30 September 1983. (Project 763264 - Continuation)

\$2,643.00 - Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, Portland, Oregon, Soil Movement of Slopes in Permafrost Environments, Department of Civil Engineering (T. H. Wu), 1 June 1983 through 6 September 1983. (Project 761325 - Continuation)

\$2,500.00 - Department of Agriculture, Agricultural Marketing Service, Cleveland, Ohio, Development of Milk Lactose Assay for Milk Marketing Testing, Department of Dairy Science (OARDC) (F. L. Schanbacher), 8 June 1983 through 8 November 1983. (Project 763691 - New)

\$2,069.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Side Impact Test Procedure Development - Phase II, Department of Statistics (D. R. Whitney), 13 June 1983 through 5 August 1983. (Project 763645 - New)

\$2,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Fogarty International Center, Bethesda, Maryland, Fogarty International Fellowship, Department of Chemistry (H. G. Floss), 1 September 1983 through 31 August 1984. (Project 763590 - Continuation)

\$890.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for Agricultural Technical Institute, Wooster, University Libraries (G. D. Guthrie), 1 October 1983 through 30 September 1984. (Project 763700 - New)

\$890.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for the Lima Regional Campus, University Libraries (G. D. Guthrie), 1 October 1983 through 30 September 1984. (Project 763696 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$890.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for the Mansfield Regional Campus, University Libraries (G. D. Guthrie), 1 October 1983 through 30 September 1984. (Project 763697 - New)

\$890.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for the Marion Regional Campus, University Libraries (G. D. Guthrie), 1 October 1983 through 30 September 1984. (Project 763698 - New)

\$890.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for the Newark Regional Campus, University Libraries (G. D. Guthrie), 1 October 1983 through 30 September 1984. (Project 763699 - New)

TOTAL - FEDERAL AWARDS

\$12,823,654.00

State of Ohio Research Contracts/Grants

\$272,367.09 - State of Ohio, Department of Education, Division of Vocational Education, Ohio Occupational Information Coordinating Committee, Columbus, Ohio, Occupational Employment Statistics Survey Program in Ohio for Manufacturing and Hospitals, Academic Faculty of Labor and Human Resources (H. R. Blaine), 1 July 1983 through 30 June 1984. (Project 763695 - New)

\$75,000.00 - State of Ohio, Department of Education, Division of Special Education, Columbus, Ohio, Ohio Education Deans' Task Force Project, Academic Faculty of Exceptional Children (T. M. Stephens), 1 July 1983 through 30 June 1984. (Project 763677 - Continuation)

\$33,500.00 - State of Ohio, Department of Education, Division of Special Education, Columbus, Ohio, Head of Teacher Education, Academic Faculty of Exceptional Children (T. M. Stephens), 1 July 1983 through 30 June 1984. (Project 763683 - Continuation)

\$8,393.00 - State of Ohio, Department of Education, Division of School Food Service, Columbus, Ohio, "Upward Bound" Summer Food Service Program, Office of Minority Affairs (R. T. McDonald), 18 June 1983 through 30 July 1983. (Project 763608 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$2,000.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Deinstitutionalization Task Force, Nisonger Center for Mental Retardation (H. Leland), 15 June 1983 through 30 September 1983. (Project 762593 - Continuation)

\$1,555.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Medicine (S. P. Balcerzak), 1 July 1982 through 30 June 1983. (Project 762760 - Continuation)

\$900.00 - The Ohio Humanities Council, Columbus, Ohio, "Communist States: Interplay of Politics, Economics and Ideology" - A Workshop, Department of Slavic and East European Languages and Literatures (L. I. Twarog) and Department of Anthropology (C. M. Chen), 30 April 1983 through 21 June 1983. (Project 763576 - New)

\$698.00 - The Ohio Humanities Council, Columbus, Ohio, Appalachians and the Melting Pot, Department of Theatre (A. L. Woods), 18 May 1983 through 18 August 1983. (Project 763626 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 394,413.09

Industrial Research Contracts/Grants

\$231,971.00 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry - Oral Biology (W. A. Zacherl), 1 July 1983 through 30 June 1984. (Project 762065 - Continuation)

\$106,232.00 - Tominy Incorporated, Cincinnati, Ohio, Software Development Program, Academic Faculty of Accounting (J. Cunningham), 1 January 1983 through 31 December 1983. (Project 763552 - New)

\$82,000.00 - International Business Machines Corporation, White Plains, New York, Generic Instrumentation, College of Pharmacy (C. L. Olson and J. M. Jagadeesh), 1 June 1983 through 30 June 1984. (Project 762771 - Continuation)

\$57,142.70 - Smith Kline and French Laboratories, Philadelphia, Pennsylvania, Cardiovascular Effects of SK&F 100,168A in Patients with Congestive Heart Failure Using Invasive Monitoring, Department of Medicine (C. V. Leier), 1 February 1983 through 31 January 1984. (Project 763638 - New)



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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$50,600.00 - Adria Laboratories, Inc., Columbus, Ohio, Synthesis of Novel Anthracycline Glycosides, Department of Chemistry (D. Horton), 1 October 1983 through 30 September 1984. (Project 762866 - Continuation)

\$47,351.00 - The Procter & Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry - Administration (W. A. Zacherl), 1 July 1983 through 30 June 1984. (Project 760029 - Continuation)

\$46,947.00 - Adria Laboratories, Inc., Columbus, Ohio, Investigation of the Microbiological Modification of Anthracycline, Department of Microbiology (W. R. Strohl), 1 July 1983 through 30 June 1984. (Project 762765 - Continuation)

\$46,246.00 - The Procter & Gamble Company, Cincinnati, Ohio, A Double-Blind Parallel Comparison Among Three Different Aspirin Preparations and Placebo Following Tooth Extraction in Dental Patients, College of Dentistry - Oral Surgery (J. M. Weaver), 15 June 1983 through 15 April 1984. (Project 763620 - New)

\$25,422.00 - ARROW, Inc., Washington, D. C., Children in Federal Custody: Native American Youth Study, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1983 through 31 May 1984. (Project 763632 - New)

\$20,000.00 - Brunswick Corporation, Marion, Virginia, Metallic Radome Design and Test, Department of Welding Engineering, ElectroScience Laboratory (B. Munk), 12 April 1983 through 31 December 1983. (Project 763594 - New)

\$14,069.00 - Adria Laboratories, Inc., Columbus, Ohio, Local High-Dose Chemotherapy of Intradermal Breast Carcinoma Using DMSO as a Vehicle for Methotrexate, Adriamycin, 5-Fluorouracil, Cytosan, and Cis-Platinum, Department of Surgery (A. G. James and E. A. Woltering), 1 June 1983 through 31 May 1984. (Project 763629 - New)

\$3,400.00 - International Training and Education Company, Framingham, Massachusetts, Inresident/Fellowship/Training and Assistance for Academic Program for Mr. Jaber Al-Essa, Jubail Human Resources Development Institute, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1983 through 31 August 1983. (Project 763633 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 731,380.70

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Other Non-Federal Research Contracts/Grants

\$264,900.00 - World Health Organization, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1983 through 30 June 1984. (Project 760113 - Continuation)

\$204,742.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactor, Department of Metallurgical Engineering (D. D. Macdonald), 23 June 1983 through 31 December 1983. (Project 760982 - Continuation)

\$98,654.00 - Hospital Financial Management Association, Oak Brook, Illinois, The Development of a Financial Analysis Service for the Hospital Industry, College of Medicine - Administration (W. O. Cleverley), 1 July 1983 through 30 June 1984. (Project 761794 - Continuation)

\$59,595.00 - Associated Builders and Contractors, Inc., Washington, D. C., Painter Apprenticeship Curriculum Development for Wheels of Learning Construction Training Program, Academic Faculty of Industrial Technology (D. G. Lux), 1 June 1983 through 30 June 1984. (Project 763689 - Continuation)

\$54,800.00 - Elsa U. Pardee Foundation, Midland, Michigan, Investigations on the Etiopathogenesis of Kaposi Sarcoma Using Pig and Mice Model, Department of Medical Microbiology and Immunology (C. Prakash), 1 June 1983 through 31 May 1984. (Project 763615 - New)

\$50,000.00 - The State Education Department, New York State Occupational Information Coordinating Committee, Albany, New York, Dissemination and Field Test of 'Integrating the Occupational Outlook Handbook into the Curriculum', The National Center for Research in Vocational Education (R. E. Taylor), 1 February 1983 through 31 January 1984. (Project 763622 - Continuation)

\$41,132.00 - American Congress on Surveying and Mapping, Falls Church, Virginia, Continued Operation of the National Committee for Digital Cartographic Data Standards, Department of Geography (H. J. Moellering), 1 April 1983 through 31 March 1984. (Project 763603 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$40,644.00 - Ohio Cancer Research Associates, Columbus, Ohio, Pharmacokinetics of Tiazofurin, College of Pharmacy (L. Malspeis) and Cancer Research Center and Department of Medicine (J. A. Neidhart), 1 May 1983 through 30 April 1984. (Project 763623 - New)

\$36,740.00 - American Heart Association, Dallas, Texas, Cardiomyopathy of Z-lines: Rod Body Isolation and Analysis, Department of Veterinary Anatomy (M. Yamaguchi), 1 July 1983 through 30 June 1984. (Project 763675 - New)

\$31,000.00 - Hospital, Institution, and Educational Food Service Society, Hillside, Illinois, The Professional Competence Development of Food Managers, Academic Faculty of Educational Foundations and Research (A. G. D'Costa), 1 July 1983 through 30 June 1984. (Project 763661 - Continuation)

\$28,600.00 - Northern Arizona University, Flagstaff, Arizona, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1983 through 31 December 1983. (Project 763599 - Continuation)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Role of ATPase in Human Congestive Cardiomyopathy, Department of Medicine (D. V. Unverferth), 1 October 1983 through 30 September 1984. (Project 763684 - New)

\$24,709.00 - Fats & Proteins Research Foundation, Des Plaines, Illinois, Effect of Dietary Fat on Milk and Fat Production with Varying Forage Intake, Department of Dairy Science (OARDC) (D. L. Palmquist), 1 July 1983 through 30 June 1984. (Project 763688 - New)

\$23,650.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Stereopharmacology of Disopyramide, College of Pharmacy (J. J. Lima) and Department of Medicine (S. F. Schaal and H. Boudoulas), 1 October 1983 through 30 September 1984. (Project 763668 - New)

\$23,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Blood Flow on Arterial Wall Permeability, Department of Surgery (J. F. Cornhill and G. S. Kakos) and Departments of Medicine and Pathology (D. L. Fry), 1 October 1983 through 30 September 1984. (Project 763651 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$21,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Aging and GI Disease on Digoxin Metabolism, College of Pharmacy (R. H. Reuning and L. W. Robertson) and Department of Medicine (J. H. Caldwell and R. L. Donnerberg), 1 October 1983 through 30 September 1984. (Project 763637 - Continuation)

\$20,000.00 - Battelle Memorial Institute, Columbus, Ohio, Interdisciplinary Study of Basic Wear Mechanisms in Metals, Department of Metallurgical Engineering (D. A. Rigney), 15 April 1983 through 30 September 1983. (Project 763066 - Continuation)

\$20,000.00 - Muscular Dystrophy Association, New York, New York, The Role of the Complement System in the Pathogenesis of the Intramuscular Vasculopathy of Dermatomyositis, Department of Neurology (J. R. Mendell and J. T. Kissel), 1 July 1983 through 30 June 1984. (Project 763676 - New)

\$19,000.00 - Research Corporation, New York, New York, Low-Frequency (1/f) Fluctuations in Thin Metal Films, Department of Physics (T. R. Lemberger), 1 June 1983 through 31 May 1984. (Project 763612 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Ca Antagonists and Calmodulin Antagonists as Vasodilators, Department of Physiological Chemistry (D. J. Johnson), 1 October 1983 through 30 September 1984. (Project 763653 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Ca<sup>++</sup> Blockers and Regional Blood Flow in Canine Heart Failure, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin and B. W. Keene), 1 October 1983 through 30 September 1984. (Project 763635 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Dietary Effects on Quantity of AcCoA Carboxylase in Rat Liver, Department of Food Science and Nutrition (J. B. Allred), 1 October 1983 through 30 September 1984. (Project 763681 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Dyspnea as a Function of Apparent Compliance and Resistance, Department of Physiology (A. L. Kunz), 1 October 1983 through 30 September 1984. (Project 763664 - New)

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Left Ventricular Energy Balance and Mechanical Efficiency, Department of Physiology (H. P. Pieper), 1 October 1983 through 30 September 1984. (Project 763115 - Continuation)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, LV Function Post MI A and b-Blockade QT>QS<sub>2</sub> Risk in Angina, Department of Medicine (H. Boudoulas), 1 October 1983 through 30 September 1984. (Project 763649 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Patterns of Isoenzyme Release from Myocardial Cells, Department of Physiological Chemistry (R. A. Altschuld), 1 October 1983 through 30 September 1984. (Project 763655 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Quantitation of Calcium in Isolated Myocytes, Department of Veterinary Pathobiology (C. C. Capen) and Department of Physiological Chemistry (R. A. Altschuld), 1 October 1983 through 30 September 1984. (Project 763644 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Quantitative Histology of Human Congestive Cardiomyopathy, Department of Pathology (P. B. Baker) and College of Pharmacy and Department of Electrical Engineering (J. M. Jagadeesh), 1 October 1983 through 30 September 1984. (Project 763657 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Resting and Exercise Effects of Nifedipine in Cardiac Disease, Department of Medicine (R. D. Magorien), 1 October 1983 through 30 September 1984. (Project 763685 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Risks with Antihypertensive and Antiaggregatory Agents, Department of Physiological Chemistry and College of Medicine - Administration (D. G. Cornwell), 1 October 1983 through 30 September 1984. (Project 763652 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Natural History of the Mitral Valve Prolapse Syndrome, Department of Medicine (A. J. Kolibash), 1 October 1983 through 30 September 1984. (Project 763650 - New)

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Ventricular Arrhythmias Assessed by Phase Imaging Methods and Young Investigator, Department of Medicine (T. M. Bashore), 1 July 1983 through 30 June 1984. (Project 763642 - New)

\$18,000.00 - Association of American Universities, Washington, D. C., Personnel Resource Support for the AAU Resources for Language and Area Studies Project, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 April 1983 through 15 January 1985. (Project 763624 - New)

\$17,129.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Non-cardiac Determinants of Electrocardiographic Amplitudes, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 October 1983 through 30 September 1984. (Project 763643 - New)

\$17,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Development and Use of Nuclear Phonocardiography in LBBB, Department of Medicine (T. M. Bashore and C. L. Grines), 1 July 1983 through 30 June 1984. (Project 763667 - New)

\$17,000.00 - Research Corporation, New York, New York, Laser-RF Double Resonance of Stored Molecular Ions, Department of Physics (R. D. Knight), 1 June 1983 through 31 May 1984. (Project 763613 - New)

\$16,390.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Regulation of ATP Citrate Lyase Activity, Department of Food Science and Nutrition (K. L. Roehrig), 1 October 1983 through 30 September 1984. (Project 763682 - New)

\$16,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Aortic Smooth Muscle Responses to Avoidance Conditioning, Department of Physiology (J. P. Dujardin) and Department of Veterinary Physiology and Pharmacology (R. Hoskins), 1 October 1983 through 30 September 1984. (Project 763663 - New)

\$15,000.00 - American Chemical Society, The Petroleum Research Fund, Washington, D. C., Laser Spectroscopy of Stored Molecular Ions, Department of Physics (R. D. Knight), 1 June 1983 through 31 August 1985. (Project 763625 - New)

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$15,000.00 - Foundation for Children with Learning Disabilities, New York, New York, The Educational Consultant Team (ECT): Working with Teachers to Help Adolescents Improve Their Social Behavior, Academic Faculty of Exceptional Children (T. E. Heron), 1 October 1983 through 30 September 1984. (Project 763674 - New)

\$12,350.00 - March of Dimes Birth Defects Foundation, Columbus, Ohio, John W. Galbreath Program in Birth Defects, College of Medicine - Administration (M. Tzagournis) and Department of Obstetrics and Gynecology (J. D. Iams), 1 April 1983 through 31 March 1984. (Project 763526 - Continuation)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Cytochrome c Oxidase Structural Affects of Heart Respiration, Department of Physiological Chemistry (J. O. Alben and F. G. Fiamingo), 1 October 1983 through 30 September 1984. (Project 763658 - New)

\$11,968.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Role of Antithrombin III in Thrombo-embolic Disease, Department of Pathology (J. T. Brandt), 1 October 1983 through 30 September 1984. (Project 763648 - New)

\$11,935.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of PEEP on Regional Perfusion after Acute Lung Injury, Department of Medicine (P. M. Dorinsky), 1 October 1983 through 30 September 1984. (Project 763654 - New)

\$11,834.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio,  $Ca^{++}$  Blockers and Regional Blood Flow in Canine Heart Failure, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin and B. W. Keene), 1 October 1983 through 30 September 1984. (Project 763634 - New)

\$11,550.00 - American Heart Association, Dallas, Texas, Antiallergic Actions of New Trimetoquinol Analogs, in Vivo, College of Pharmacy (D. R. Feller), 1 July 1983 through 30 June 1984. (Project 763242 - Continuation)

\$11,423.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, The Development and Use of Nuclear Phonocardiography in LBBB, Department of Medicine (T. M. Bashore and C. L. Grines), 1 October 1983 through 30 September 1984. (Project 763666 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$10,184.00 - International Studies Association, Columbia, South Carolina, Assistance in Disseminating Learning Resources on Global Education and Teacher Training, Mershon Center for Education in National Security and Department of Political Science (J. E. Harf), 14 June 1983 through 31 December 1983. (Project 763370 - Continuation)

\$10,000.00 - American Lung Association of Central Ohio, Columbus, Ohio, Morphological-Physiological Correlates of Pulmonary Filtration of Blood in Bacteremic Shock Lung, Department of Anatomy (B. L. Wismar), 1 July 1983 through 30 June 1984. (Project 763662 - New)

\$9,979.00 - Capital University, Columbus, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 1 August 1983 through 15 May 1984. (Project 763592 - Continuation)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Does Pretreatment with ICRF-187 Prevent Doxorubicin Cardiotoxicity?, Department of Medicine (D. V. Unverferth and K. H. Kuppler), 1 July 1983 through 31 December 1983. (Project 763641 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Electrophysiologic Effects of the Isomers of Disopyramide, Department of Medicine (S. F. Schaal and G. Kidwell), 1 July 1983 through 31 December 1983. (Project 763639 - New)

\$9,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Origin of the Esophageal Electrogram, Department of Medicine (C. V. Leier and P. F. Binkley), 1 July 1983 through 31 December 1983. (Project 763703 - New)

\$9,000.00 - National Pork Products Council, Des Moines, Iowa, Dietary Calcium and Phosphorus for Lactating Swine at High and Average Production Levels, Department of Animal Science (OARDC) (D. C. Mahan), 1 July 1983 through 30 June 1984. (Project 763616 - New)

\$8,524.28 - Kansas State Corporation Commission, Topeka, Kansas, Workshop on the Fundamentals and Applications of Electric Capacity Planning Models, National Regulatory Research Institute (D. N. Jones and K. A. Kelly), 1 June 1983 through 30 June 1983. (Project 763602 - New)



REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$8,300.00 - Battelle Memorial Institute, Office of Nuclear Waste Isolation, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (R. N. Christensen), 1 July 1983 through 31 July 1983. (Project 761731 - Continuation)

\$7,975.00 - American Cancer Society, Ohio Division, Columbus, Ohio, Regulation of Histone mRNA Turnover, Department of Biochemistry (L. F. Johnson), 1 July 1983 through 30 June 1984. (Project 763680 - New)

\$6,774.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Site Directed Misincorporation of  $0^{6}$ -Ethyldeoxyguanosine and Its Role in Mutagenesis and Carcinogenesis, Department of Radiology (S. M. D'Ambrosio and A. A. Wani), 1 July 1983 through 30 June 1984. (Project 763678 - New)

\$6,418.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Establishment of Primary Human Gastrinoma in Continuous Cell Culture and in Immunodeficient Rodents, Department of Surgery (W. R. Gower, Jr.), 1 July 1983 through 30 June 1984. (Project 763679 - New)

\$6,298.00 - National Fund for Medical Education, Hartford, Connecticut, A Fellowship Program of Creative Learning Opportunities for Medical Students, Department of Family Medicine (L. L. Gabel and J. R. Lubbers), 1 July 1983 through 30 June 1984. (Project 763628 - New)

\$5,616.00 - Denison University, Granville, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 1 August 1983 through 31 May 1984. (Project 763609 - New)

\$4,890.34 - League for Innovation in the Community College, Dallas, Texas, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 June 1984. (Project 763548 - Continuation)

\$4,600.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, The Treatment of Primary Breast Cancer, Cancer Research Center and Department of Medicine (J. A. Neidhart) and Department of Surgery (W. B. Farrar), 1 December 1982 through 30 June 1983. (Project 763659 - New)

September 2, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Other Non-Federal Research Contracts/Grants (contd)

\$3,000.00 - Greater Columbus Arts Council, Columbus, Ohio, Hispanic Awareness Week, Office of Student Life (C. A. Breckenridge), 1 September 1983 through 30 June 1984. (Project 763694 - New)

\$1,000.00 - World Health Organization, Geneva, Switzerland, The Biological Control of Vectors of Human Disease, Department of Entomology (J. D. Briggs), 1 July 1983 through 30 June 1984. (Project 762422 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 1,665,303.62

### ENGINEERING EXPERIMENT STATION

#### Industrial and Other Sponsored Research and Development

\$147,510.00 - IBM, Advanced Manufacturing Engineering, Poughkeepsie, N. Y., for "Optimization of Robotic Arc Welding Procedures for Minimization and Control of Distortion in Tubular Frame Structures", Department of Welding Engineering, 13 June 1983 through 12 June 1985. (EES 529634)

\$101,310.00 - International Engineering Corporation, San Francisco, California, "A Study of Radio Frequency from HVDC Converter Stations", Department of Electrical Engineering, 1 June 1983 through 16 March 1984. (EES 529632)

\$8,000.00 - OSU, Office of Physical Facilities, Campus, "Study of Energy Conservation for University Buildings--Program 4244", Department of Mechanical Engineering, 1 June 1983 through 31 July 1983. (EES 529008, Ext. 13)

\$109,542.00 - Thirty development projects under the direction of six engineering departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 366,362.00

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Report - April 1983

#### Gifts of \$5,000 or More

\$37,565.00      Refractories Education Foundation, Pittsburgh, Pennsylvania, for Refractories Institute Research Fund.

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$33,150.00	Anna Roessler, Trust under the Will of, Columbus, Ohio, for Samuel J. Roessler Memorial Medical Scholarship Fund.
\$31,797.05	Louis Levy, Columbus, Ohio, for Presidents Club Special Fund.
\$25,000.00	Plaskolite, Inc., Columbus, Ohio, for Plaskolite Fund.
\$21,037.50	Ida Topper, Columbus, Ohio, for Ida Topper Fellowship Fund.
\$20,000.00	FFA Foundation, Inc., Alexandria, Virginia, for FFA Community Development.
\$17,918.22	Systems Associates, Columbus, Ohio, for Cardiology Support Fund.
\$16,500.00	Huntington National Bank, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$15,000.00	The Pillsbury Co., Minneapolis, Minnesota, for Department of Food Science and Nutrition Support Fund.
\$14,846.00	Eli Lilly & Company, Indianapolis, Indiana--\$14,000.00 for Infectious Disease Research Fund and \$846.00 for Clinical Research Education.
\$14,250.00	Ohio Cancer Research Association, Columbus, Ohio--\$13,350.00 for Hematology and Cancer Research Fund and \$900.00 for Cancer Research Center.
\$11,065.00	Bank One of Columbus, Columbus, Ohio--\$5,000.00 for Jesse Owens Track and Field Classic Fund; \$4,500.00 for Student Athlete Grant-in-Aid Fund; and \$1,565.00 for WOSU Support Fund.
\$ 9,832.82	Carl M. and Grace C. Baldwin, Columbus, Ohio, for Eye Care Fund.
\$ 8,000.00	Michigan State University, East Lansing, Michigan, for Nursery Research Fund.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 7,750.00	B. F. Goodrich Co., Akron, Ohio--\$7,500.00 for The Goodrich Fund; \$100.00 for J. H. Koffolt Award; \$100.00 for undesignated purposes; and \$50.00 for College of Engineering Special Fund.
\$ 7,500.00	Ross Labs, Columbus, Ohio, for Tumor Immunology Programs.
\$ 7,350.00	Hanna Chemical Coating, Columbus, Ohio--\$7,000.00 for Student Athlete Grant-in-Aid Fund and \$350.00 for Friends of WOSU.
\$ 7,000.00	Beasley Industries, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 7,000.00	Stokely-Van Camp, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 6,000.00	Chevron, USA, Inc., San Francisco, California--\$5,000.00 for Chevron Graduate Field Study and \$1,000.00 for Department of Geology Special Fund.
\$ 6,000.00	University Renal Group, Columbus, Ohio, for Renal Disease Research Fund.
\$ 5,750.00	Central Ohio Technical College, Newark, Ohio, for Mary Miller/Newark Campus Scholarship Fund.
\$ 5,600.00	Americare Corp., Columbus, Ohio, for Student Athlete Grant-in-Aid.
\$ 5,487.36	Melvin E. Moffitt, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.
\$ 5,465.00	Standard Oil Company, Cleveland, Ohio--\$4,000.00 for Thomas F. Patton Fund; \$1,035.00 for Alec Parsons Scholarship; and \$430.00 for College of Engineering Special Fund.
\$ 5,000.00	Northrop Corp., Los Angeles, California, for Department of Aeronautical and Astronautical Engineering Support Fund.
\$ 5,000.00	Phi Upsilon Omicron, Columbus, Ohio, for Shanely Fellowship.

September 2, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Gifts of \$5,000 or More (contd)

\$ 5,000.00	Ponderosa, Inc., Dayton, Ohio--\$2,500.00 for College of Law Advancement Fund and \$2,500.00 for Ohio 4-H Foundation Support Fund.
\$ 5,000.00	Synthes, AG, Switzerland, for The Hans Wil- lenegger Residency in Veterinary Surgery.
\$ 5,000.00	Pauline Wittwer, Columbus, Ohio, for Friends of WOSU.

#### Establishment of Named Funds

##### Wilkins-Lloyd Legal Scholarship Fund

The Wilkins-Lloyd Legal Scholarship Fund was established September 2, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Ruth Lloyd Wilkins, J.D., 1929, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund is to be used to provide scholarship assistance to needy students enrolled in the College of Law at The Ohio State University and who are natural born citizens of the United States. The scholarship recipients must be of good character and maintain a high academic record. Selection of the award recipients will be made by the College of Law Admissions and Financial Aid Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for education in the field of law.

September 2, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Tackett Memorial Endowment Fund

The Tackett Memorial Endowment Fund was established September 2, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Ada E. Tackett, Columbus, Ohio, in memory of Boyd D. and Ada E. Tackett.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund is to be used to provide scholarship assistance to one or more students enrolled in the College of Engineering, to be limited to tuition scholarships and based upon both financial need and aptitude for engineering study. The scholarship(s) is to be awarded to undergraduate students with recipients selected by the Dean of the College of Engineering in cooperation with the Director of Student Financial Aids.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

##### Lloyd-Wilkins Dental Scholarship Fund

The Lloyd-Wilkins Dental Scholarship Fund was established September 2, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Ruth Lloyd Wilkins, Columbus, Ohio, in memory of her father, Daniel J. Lloyd, D.D.S.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund is to be used to provide scholarship assistance to needy students enrolled in the College of Dentistry at The Ohio State University and who are natural born citizens of the United States. The scholarship recipients must be of good character and maintain a high academic record. Selection of the award recipients will be made by the University Scholarship Committee in consultation with the Dean of the College of Dentistry.

September 2, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Lloyd-Wilkins Dental Scholarship Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for dental education.

##### Francis W. Davis Fellowship for the Department of Photography and Cinema

The Francis W. Davis Fellowship for the Department of Photography and Cinema was established September 2, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University from Agnes Turner Davis, B.Sc., 1930.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for a graduate fellowship in the Department of Photography and Cinema with preference being given to a qualified student whose major area is studio, laboratory, historical, or theoretical studies in photography. Should no such candidate be found in any given year, the fellowship may be given to a qualified student whose major area is studio, laboratory, historical, or theoretical studies in cinema or in video.

The fellowship shall be awarded to an outstanding student with the potential for making a significant contribution to the field, and shall be given only when all conditions are met. The selected student must be an enrolled candidate for the Master of Arts degree in the Department of Photography and Cinema; recommended by the Graduate Committee of the Department, and approved by the Chairperson of the Department and the Dean of the College.

Should the need for these funds cease to exist, or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for photography and cinema studies.

September 2, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Benny Klein Memorial Fund in the College of Medicine

The Benny Klein Memorial Fund in the College of Medicine was established September 2, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund by friends and relatives in memory of Mr. Benny Klein, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support cancer research programs in the College of Medicine as determined by the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then directly responsible for cancer research at the College of Medicine.

##### The Joseph E. Zupancic Scholarship Fund

The Joseph E. Zupancic Scholarship Fund was established September 2, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Mrs. Joseph Zupancic and members of the family and friends in memory of Joseph E. Zupancic, M.A., Education, 1955, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund will be used to provide one or more scholarships to undergraduate students from Ohio who intend to major in Industrial Technology Education. Preference shall be given to those students who have demonstrated need and scholarship ability. Selection of the recipients will be made by the Program Coordinator, in consultation with Mrs. Zupancic, with the funds requisitioned by the Dean of the College of Education.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for industrial education.



September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - July 1983

Federal Research Contracts/Grants

\$1,936,391.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, OSU Comprehensive Cancer Center Support (Core) Grant - Administration, Cancer Research Center (D. S. Yohn), 1 July 1983 through 30 June 1984. (Project 763976 - Continuation)

\$170,840.00 - National Science Foundation, Washington, D. C., Soil Hydrology and Nutrient Dynamics in Tussock Tundra, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 29 June 1983 through 30 June 1984. (Project 763207 - Continuation)

\$162,676.00 - Department of Health and Human Services, Office of Human Development Services, Administration on Developmental Disabilities, Chicago, Illinois, UAF Administration and Operation, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1983 through 29 June 1984. (Project 763712 - Continuation)

\$138,136.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Stereochemistry of Enzyme Reactions, Department of Chemistry (H. G. Floss), 1 September 1983 through 31 August 1984. (Project 763422 - Continuation)

\$135,437.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthetic Elaboration of Polyquinane Natural Products, Department of Chemistry (L. A. Paquette), 1 July 1983 through 30 June 1984. (Project 762298 - Continuation)

\$134,627.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanism of Organelle Transmission Genetics, Department of Genetics (C. W. Birky, Jr. and P. S. Perlman), 1 August 1983 through 31 July 1984. (Project 760122 - Continuation)

\$126,885.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., The Development of a Curriculum for Pediatric Residents in Handicapping Conditions (New Outreach), Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1983 through 30 June 1984. (Project 763719 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$113,789.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Glycerophospholipid Metabolism in the Brain, Department of Physiological Chemistry (L. A. Horrocks and K. E. Richardson), 1 August 1983 through 31 July 1984. (Project 760039 - Continuation)

\$107,300.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biosynthesis of Ergot Alkaloids, Department of Chemistry (H. G. Floss), 1 September 1983 through 31 August 1984. (Project 763419 - Continuation)

\$106,400.00 - National Science Foundation, Washington, D. C., Hot Corrosion of Metals and Alloys by Fused Salts, Department of Metallurgical Engineering (R. A. Rapp), 1 August 1983 through 31 July 1984. (Project 763189 - Continuation)

\$100,000.00 - Department of the Air Force, Air Force Systems Command, Office of Scientific Research, Bolling Air Force Base, D. C., A LISP Machine Facility for Expert System Research, Department of Computer and Information Science (B. Chandrasekaran), 1 August 1983 through 31 July 1984. (Project 763725 - New)

\$100,000.00 - Department of the Air Force, Air Force Systems Command, Office of Scientific Research, Bolling Air Force Base, D. C., Distributed Knowledge Base Systems for Diagnosis and Information Retrieval, Department of Computer and Information Science (B. Chandrasekaran), 30 June 1983 through 29 June 1984. (Project 763180 - Continuation)

\$87,322.00 - National Science Foundation, Washington, D. C., Guest Layering Distributed Processing Support on Local Operating Systems, Department of Computer and Information Science (S. A. Mamrak), 1 October 1983 through 30 September 1984. (Project 763732 - New)

\$87,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Request for Purchase of Instrumentation to the Department of Defense for Purchase of a Duffer's Gleeble 1500 System, Department of Welding Engineering (W. A. Baeslack, III), 1 July 1983 through 30 June 1984. (Project 763714 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$85,217.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, FeLV Leukemogenesis and Preneoplastic Lesions, Department of Veterinary Pathobiology (R. G. Olsen), 1 July 1983 through 30 June 1984. (Project 762826 - Continuation)

\$81,017.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Matching Formula Title XII University Strengthening Grant, International Programs in Agriculture (D. O. Hansen), 1 September 1983 through 30 June 1984. (Project 761863 - Continuation)

\$76,997.00 - National Science Foundation, Washington, D. C., Modelling, Control and Simulation of Human Movement, Department of Electrical Engineering (H. Hemami), 1 July 1983 through 30 June 1984. (Project 763112 - Continuation)

\$76,088.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Effects of Antimitotic Drugs on CNS Regeneration, Department of Anatomy (R. W. Burry), 1 July 1983 through 30 June 1984. (Project 763707 - New)

\$76,046.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Division of Nursing, Hyattsville, Maryland, Professional Nurse Traineeship Program, College of Nursing (G. M. Sills), 1 July 1983 through 30 June 1984. (Project 760803 - Continuation)

\$75,582.00 - National Science Foundation, Washington, D. C., Knowledge Organization and Problem Solving for Diagnostic Reasoning, Department of Computer and Information Science (B. Chandrasekaran) and Department of Pathology (J. W. Smith, Jr.), 1 July 1983 through 30 June 1984. (Project 763708 - Continuation)

\$75,000.00 - Department of the Army, Headquarters U. S. Army Communications-Electronics Command and Fort Monmouth, Fort Monmouth, New Jersey, Computer Communication Protocols for Advanced Communication Systems, Department of Computer and Information Science (M. T. Liu), 1 June 1983 through 31 May 1984. (Project 763631 - Continuation)

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$69,107.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, Bethesda, Maryland, Human Thrombin: Binding and Recognition Sites, Department of Chemistry (L. J. Berliner), 1 July 1983 through 30 June 1984. (Project 761742 - Continuation)

\$67,928.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Graduate Training in Biochemical Neuropathology, Department of Physiological Chemistry (L. A. Horrocks), 1 July 1983 through 30 June 1984. (Project 760708 - Continuation)

\$65,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Research on Analysis of Large Aperture Reflector Antennas, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 1 July 1983 through 1 April 1984. (Project 763724 - New)

\$63,755.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Inhibition of Macrophage Tumor Cell Cytotoxicity, Department of Medicine (M. S. O'Dorisio), 1 July 1983 through 30 June 1984. (Project 762898 - Continuation)

\$50,547.00 - Department of Agriculture, Science and Education Administration, Cooperative State Research Service, Arlington, Virginia, Epizootiology and Pathogenesis of an Alcaligenes faecalis Variant in Turkeys and the Role of Pili in Development of Alcaligenes rhotracheitis, Food Animal Health Research Program -OARDC (Y. M. Saif), 15 August 1983 through 31 August 1985. (Project 763715 - New)

\$50,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Analysis of Airborne Antenna Patterns, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 1 September 1983 through 30 June 1984. (Project 761012 - Continuation)

\$38,000.00 - National Science Foundation, Washington, D. C., Measurement of the Exchange-Scattering Rate of Conduction Electrons in Superconducting Spin Glasses, Department of Physics (T. R. Lemberger), 1 July 1983 through 31 January 1984. (Project 763737 - New)

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$16,950.00 - National Science Foundation, Washington, D. C., Graph Minors and Embedding Structures, Department of Mathematics (P. Seymour), 1 July 1983 through 30 June 1984. (Project 763716 - Continuation)

\$10,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, SETI Research, Department of Electrical Engineering (J. D. Kraus), 1 July 1983 through 31 December 1983. (Project 760413 - Continuation)

\$6,447.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Improvement of the Mechanical Performance of the Thorax of the Hybrid III Dummy, Department of Mechanical Engineering (D. A. Guenther), 1 July 1983 through 30 September 1983. (Project 763710 - New)

\$5,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Ultraviolet Observations of Bright A Bootis Stars, Department of Astronomy (A. E. Slettebak), 1 September 1983 through 29 February 1984. (Project 762142 - Continuation)

TOTAL - FEDERAL AWARDS

\$4,495,484.00

State of Ohio Research Contracts/Grants

\$27,381.00 - State of Ohio, Bureau of Employment Services, Columbus, Ohio, Dislocated Worker Program, College of Administrative Science, Continuing Education (D. B. Patton), 15 June 1983 through 30 September 1983. (Project 763706 - New)

\$9,000.00 - State of Ohio, Environmental Protection Agency, Columbus, Ohio, Demonstration of Soil Conservation for Improved Water Quality at Farm Science Review, Cooperative Extension State Operations (D. J. Eckert), 1 May 1983 through 31 December 1983. (Project 763727 - New)

\$8,495.00 - Ohio Arts Council, Columbus, Ohio, Festival of Cartoon Art, University Libraries (L. S. Caswell), 30 June 1983 through 31 December 1983. (Project 763730 - New)

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$4,886.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Stress and Control in a Geriatric Population: Implications for Mental and Physical Health, Department of Psychiatry (J. K. Kiecolt-Glaser) and Department of Medical Microbiology and Immunology (M. R. Glaser), 1 July 1983 through 31 March 1984. (Project 763516 - Continuation)

\$2,875.00 - Ohio Arts Council, Ohio Humanities Council, Columbus, Ohio, TV Public Service Announcement, "Creative People Make a Difference", Architecture Administration - City and Regional Planning (L. C. Gerckens), 1 July 1983 through 30 June 1984. (Project 763726 - New)

\$1,365.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Desipramine Plasma Levels and Clinical Response in Outpatients with Primary Depression, Department of Psychiatry (S. L. Stern), 1 July 1983 through 31 August 1983. (Project 763295 - Continuation)

\$750.00 - Ohio Humanities Council, Columbus, Ohio, Black Women: Achievement against the Odds, Office of Black Student Programs (T. Sullivan-Love), 1 August 1983 through 31 December 1983. (Project 763728 - New)

TOTAL - STATE OF OHIO AWARDS \$ 54,752.00

Industrial Research Contracts/Grants

\$133,083.96 - Abbott Laboratories, North Chicago, Illinois, Terazosin (Abbott-45975) in Congestive Heart Failure, Department of Medicine (C. V. Leier), 1 June 1983 through 30 November 1984. (Project 763723 - New)

\$102,936.00 - The Procter and Gamble Company, Cincinnati, Ohio, Always Clinical Investigation in Adolescents, Department of Obstetrics and Gynecology (R. C. Bump), 1 July 1983 through 30 June 1984. (Project 763735 - New)

\$52,636.00 - Pfizer, Inc., Groton, Connecticut, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 February 1983 through 31 January 1984. (Project 763181 - Continuation)

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$33,502.00 - DNA Clinical Research Corporation, Inc., Columbus, Ohio, Strand Break Repair of DNA in Human Peripheral Lymphocytes, Department of Radiology (R. E. Stephens), 1 July 1983 through 30 September 1983. (Project 762992 - Continuation)

\$7,192.00 - Allied Corporation, Morristown, New Jersey, Rhizobium-Coinoculant Soybean Phytophthora Study, Department of Plant Pathology - OARDC (A. F. Schmitthenner), 1 May 1983 through 31 December 1983. (Project 763729 - New)

\$5,000.00 - Merck & Company, Inc., West Point, Pennsylvania, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 June 1983 through 31 December 1983. (Project 763181 - Continuation)

\$1,000.00 - John Wiley & Sons, Inc., New York, New York, Technical Assistance for John Wiley & Sons, Inc., The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 31 August 1983. (Project 768045 - New)

TOTAL - INDUSTRIAL AWARDS \$ 335,349.96

Other Non-Federal Research Contracts/Grants

\$165,670.00 - Insulation Industry's National Apprenticeship and Training Fund, Development of Additional Minicourses for the Insulation Industry's National Apprenticeship and Training Fund, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 31 October 1984. (Project 763704 - Continuation)

\$96,326.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Early Childhood Classes, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 September 1983 through 30 September 1984. (Project 763722 - Continuation)

\$59,010.00 - Muscular Dystrophy Association, New York, New York, Clinical Investigation of Duchenne Dystrophy, Department of Neurology (J. R. Mendell), 1 July 1983 through 30 June 1984. (Project 761360 - Continuation)

\$47,992.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Exemplary Dental Services for the Handicapped, Nisonger Center for Mental Retardation (E. S. Sterling), 1 July 1983 through 30 June 1984. (Project 763721 - Continuation)

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$30,000.00 - American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Research Grant, Cancer Research Center (D. S. Yohn), 1 July 1983 through 30 June 1984. (Project 764472 - Continuation)

\$26,984.00 - University of Rhode Island, Kingston, Rhode Island, Biosynthesis of Marine Natural Products, Department of Chemistry (H. G. Floss), 1 July 1983 through 30 June 1984. (Project 763351 - Continuation)

\$25,000.00 - Columbus Area International Programs, Columbus, Ohio, International Student Training Program, School of Health, Physical Education, and Recreation (C. L. Mand), 1 May 1983 through 30 April 1984. (Project 763709 - New)

\$21,120.00 - American Academy of Physician Assistants, Arlington, Virginia, Physician Self-Assessment Program, Department of Education Theory and Practice (A. G. D'Costa), 1 July 1983 through 30 June 1984. (Project 763718 - Continuation)

\$17,000.00 - Center for Public Education, Columbus, Ohio, Methodology Development for the Center for Public Education "Planning Study for the 80's", Department of Communication (D. M. Ronchi), 1 April 1983 through 31 March 1984. (Project 763333 - Continuation)

\$12,595.00 - Insulation Industry's National Apprenticeship and Training Fund, Washington, D. C., Conduct Instructor Training Workshop, The National Center for Research in Vocational Education (R. E. Taylor), 1 May 1983 through 30 November 1983. (Project 763705 - Continuation)

\$10,000.00 - American Lung Association of Ohio, Columbus, Ohio, Adherence of Nosocomial Pathogens to Ciliated Epithelium, Department of Microbiology (N. R. Baker), 1 July 1983 through 30 June 1984. (Project 763713 - New)

\$5,503.00 - Ohio Dominican College, Columbus, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 15 August 1983 through 31 May 1984. (Project 763580 - Continuation)



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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$4,996.00 - American Lung Association, Columbus, Ohio, Morphological-Physiological Correlates of Pulmonary Filtration of Blood in Bacteremic Shock Lung, Department of Anatomy (B. Wismar), 1 July 1983 through 30 June 1984. (Project 763662 - Continuation)

TOTAL- OTHER NON-FEDERAL AWARDS \$ 522,196.00

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$98,463.00 - from 19 sponsors for 20 development projects under the direction of seven engineering departments.

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants

\$49,300.00 - U. S. Department of Agriculture, Agricultural Research Service, Peoria, Illinois, for study of application of cell, tissue, and organ culture for plant germplasm improvement, Department of Horticulture, through July 9, 1984. (Cooperative Agreement No. 58-519B-3-1227)

\$40,000.00 - U. S. Department of Agriculture, Agricultural Research Service, Peoria, Illinois, for study of evaluation and improvement of small fruits, Department of Horticulture, through December 31, 1999. (Contract No. 58-519B-3-1221)

TOTAL - FEDERAL CONTRACTS/GRANTS \$ 89,300.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Report - May 1983

Gifts of \$5,000 or More

\$47,192.00 Ohio Seed Improvement, Dublin, Ohio--\$23,596.00 for Wheat Development Fund and \$23,596.00 for Soy Bean Research.

\$37,800.00 Borden Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$36,061.93	Systems Associates, Columbus, Ohio, for Cardiology Support Fund.
\$29,922.00	Janssen Pharmaceutical, New Brunswick, New Jersey--\$17,997.00 for Anesthesia Research and Education Enhancement Fund and \$11,925.00 for Gastrointestinal Cancer Research Fund.
\$17,849.50	Battelle Memorial Institute, Columbus, Ohio--\$16,609.50 for The Steven E. Weisbrode Toxicologic Pathology Project and \$1,240.00 for College of Engineering Campaign.
\$17,565.49	University Eye Surgeons, Columbus, Ohio--\$17,500.49 for Eye Bank Fund and \$65.00 for Ophthalmology Photography Fund.
\$16,250.00	Procter and Gamble, Cincinnati, Ohio--\$8,000.00 for Procter and Gamble Fellowship Fund in Biological Sciences; \$8,000.00 for Procter and Gamble Company Fellowship in Chemistry; and \$250.00 for Eldis O. Reed--S.W.E. Memorial Scholarship.
\$14,030.00	Martha Staub, Columbus, Ohio, for Martha G. and Milton Staub Chair for Research in Ophthalmology.
\$14,000.00	Rohm and Haas Co., Philadelphia, Pennsylvania--\$7,000.00 for 1983 Rohm & Haas Summer Faculty Fellowship and \$7,000.00 for Rohm-Haas Chemistry.
\$11,200.00	Midland Ross Corp., Urbana, Ohio, for Student Athlete Grant-in-Aid Fund.
\$11,000.00	Summer & Company, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$10,460.00	E. I. DuPont, Inc., Wilmington, Delaware, for John A. Lott Research Fund.
\$10,000.00	Bob Evans Farms, Inc., Columbus, Ohio, for Carl E. Haas Chair in Food Industries.

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 9,800.00	Construction Equipment Group, Worthington, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 9,000.00	Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.
\$ 8,663.00	Nationwide Insurance, Columbus, Ohio--\$7,663.00 for WOSU Support Fund and \$1,000.00 for College of Engineering Campaign.
\$ 8,000.00	George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation Fund for Enology and Viticulture.
\$ 8,000.00	Ohio Turfgrass Foundation, Columbus, Ohio, for Turfgrass Research Fund.
\$ 7,500.00	Smith Kline Corp., Philadelphia, Pennsylvania--\$5,000.00 for Veterinary Pathobiology Research and Development Fund and \$2,500.00 for Smith Kline Corporation Fellowship Fund in Veterinary Physiology and Pharmacy.
\$ 7,200.00	AMOCO Foundation, Inc., Chicago, Illinois--\$2,600.00 for Department of Chemical Engineering Support; \$1,500.00 for Julie Anne Klein Award in Food Science and Nutrition; \$1,000.00 for Hillander Endowment Fund; \$700.00 for Student Athlete Grant-in-Aid Fund; \$550.00 for College of Mathematical & Physical Science Dean's Emergency Fund; \$300.00 for Mars G. Fontana Fund; \$200.00 for Accounting Department Chairman's Discretionary Fund; \$200.00 for College of Engineering Special Fund; \$100.00 for College of Dentistry--Special Fund; and \$50.00 for College of Education Dean's Discretionary Fund.
\$ 5,625.00	American Lung Association of Central Ohio, Columbus, Ohio, for Pulmonary General Fund.
\$ 5,200.00	Ross Labs, Columbus, Ohio--\$5,000.00 for Carl E. Haas Chair in Food Industries and \$200.00 for Edward L. Fox Memorial.

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 5,117.50	ARMCO Foundation, Middletown, Ohio--\$3,617.50 for College of Engineering Special Fund; \$700.00 for Martha Nelson Lewis Fund; \$400.00 for Clarence E. Jackson Scholarship Fund; \$200.00 for Mars G. Fontana Endowment Fund; \$100.00 for City and Regional Planning Fund; \$50.00 for Dr. Bouroncle's Blood Research Fund; and \$50.00 for Friends of the Library.
\$ 5,000.00	Ashland Chemical Co., Columbus, Ohio, for Student Grant-in-Aid Fund.
\$ 5,000.00	Dental Alumni, Worthington, Ohio, for Dental Alumni Loan Fund.
\$ 5,000.00	Duriron Company, Inc., Dayton, Ohio, for Duriron Professorship in Metallurgical Engineering.
\$ 5,000.00	Edgar W. Ingram Foundation, Columbus, Ohio, for WOSU Support Fund.
\$ 5,000.00	Neuromuscular Disease, Columbus, Ohio, for Clinical & Experimental Neuromuscular Disease Fund.
\$ 5,000.00	University Renal Group, Columbus, Ohio, for Renal Disease Research Fund.

Report - June 1983

\$ 39,971.82	Louise Scott, Columbus, Ohio--\$29,993.99 for William Craig Orr and Mary Black Orr Scholarships in Medicine and \$9,977.83 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.
\$ 24,956.70	American Medical Association Education and Research Foundation, Chicago, Illinois--\$12,478.35 for Faculty Seminar--Medicine Development Fund and \$12,478.35 for College of Medicine Progress Fund.
\$ 23,400.00	Trustees of Lingnan University, New York, New York, for The Ohio State University Campaign for China Exchange.

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 20,062.50	Harold A. James, Toledo, Ohio, for Harold A. James Fund.
\$ 20,000.00	Charles Carroll, Akron, Ohio--\$10,000.00 for Special Gifts and \$10,000.00 for Development Fund and Discretionary Fund.
\$ 18,639.00	Helen Crane, Columbus, Ohio, for The Evan J. Crane Memorial Scholarship Fund.
\$ 18,458.98	W. H. Havener, M.D., Inc., Columbus, Ohio, for Ophthalmology Teaching Fund.
\$ 17,568.41	University Eye Surgeons, Columbus, Ohio, for Eye Bank Fund.
\$ 17,500.00	Taft Broadcasting, Cincinnati, Ohio, for Department of Athletics Discretionary Fund.
\$ 14,887.50	Wayne English, Washington, D. C., for Wendell W. Ellenwood Scholarship Fund.
\$ 13,334.00	Ohio Cancer Research Association, Columbus, Ohio--\$6,075.00 for Hematology and Cancer Research Fund; \$3,984.00 for Cancer Research Center; \$2,000.00 for Division of Hematology and Oncology Research Fund; and \$1,275.00 for Cancer--Leukemia Research Fund.
\$ 11,900.00	Nationwise Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 11,700.00	Atlantic Richfield Co., Los Angeles, California--\$8,000.00 for ARCO Graduate Fellowship Fund and \$3,700.00 for ARCO Masters Thesis Fund.
\$ 10,539.98	OSU Women's Club, Columbus, Ohio--\$6,539.98 for OSU Women's Club Scholarship Fund and \$4,000.00 for University Women's Club Emergency Loan Fund.
\$ 10,000.00	John McDonald, Columbus, Ohio, for Anesthesia Research & Education Enhancement Fund.

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 10,000.00	Floyd Mellor, Killbuck, Ohio, for Gene Transfer Lab Support Fund.
\$ 10,000.00	Michael's Finer Meats and Seafoods, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 10,000.00	Ohio Dairy Farm Foundation, Columbus, Ohio, for Ohio Dairy Farmers Management.
\$ 10,000.00	Ohio Veterinary Medical Association, Inc., Columbus, Ohio, for Vet-Medicine Services.
\$ 10,000.00	Standard Oil of Indiana, Chicago, Illinois, for Fluidization Engineering Project.
\$ 10,000.00	The Upjohn Co., Kalamazoo, Michigan, for Lipid Research.
\$ 10,000.00	Mary Wright, Cincinnati, Ohio, for Mary S. Wright Scholarship Fund.
\$ 9,150.00	Glaxo Inc., Fort Lauderdale, Florida, for Gastro-intestinal Cancer Research Fund.
\$ 8,055.00	Ernst & Whinney Foundation, Cleveland, Ohio--\$7,555.00 for Ernst & Whinney Accounting Grant and \$500.00 for Graduate Program in Hospital & Health Services Administration.
\$ 7,500.00	SCOA Foundation, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 7,000.00	Financial Credit Life Insurance, Columbus, Ohio--\$3,500.00 for Student Athlete Grant-in-Aid Fund and \$3,500.00 for Ophthalmology Teaching Fund.
\$ 7,000.00	Marion Area College Foundation, Marion, Ohio, for Marion Campus Scholarship Fund.
\$ 6,700.00	Rush-Presbyterian St. Luke Medical Center, Chicago, Illinois, for Renal Research and Development Fund.

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 6,680.00	Shell Development, Portland, Oregon, for Agronomy Weed Research.
\$ 6,300.00	AccuRay Corp., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 6,000.00	Borg-Warner Corp., Chicago, Illinois, for Gear Dynamics and Gear Noise Research Laboratory Fund.
\$ 6,000.00	Gleason Memorial Fund, Inc., Rochester, New York, for Gear Dynamics and Gear Noise Research Laboratory Fund.
\$ 5,550.00	University Renal Group, Columbus, Ohio--\$5,000.00 for Renal Disease Research Fund and \$550.00 for University Renal Group Research Fund.
\$ 5,300.00	Ohio Farm Bureau, Columbus, Ohio--\$4,100.00 for Farm Bureau Scholarship Program and \$1,200.00 for Ohio Farm Bureau Federal Agriculture Education Scholarship.
\$ 5,103.71	Josef Knull, Columbus, Ohio, for Dorothy J. and Josef N. Knull Fund.
\$ 5,000.00	Anonymous Gifts, for Special Gifts.
\$ 5,000.00	Battelle Memorial Institute, Columbus, Ohio, for Fracture Mechanics & Material Evaluation Program in the College of Engineering.
\$ 5,000.00	Baxter Travenol Labs, Inc., Deerfield, Illinois, for Visconti--Travenol Fund.
\$ 5,000.00	Big Bear Stores Co., Columbus, Ohio, for Jesse Owen's Track and Field Classic Fund.
\$ 5,000.00	Central Ohio Center for Economic Education, Columbus, Ohio, for Center for Economic Education.

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Gifts of \$5,000 or More (contd)

\$ 5,000.00	Hoffmann-LaRoche, Nutley, New Jersey, for Electropharmacology Research.
\$ 5,000.00	Edgar W. Ingram Foundation, Columbus, Ohio, for Edgar W. Ingram Minority Assistance Fund.
\$ 5,000.00	Mid-Ohio Chemical Co., Inc., Washington Court House, Ohio--\$4,300.00 for Plant Protection Endowment Fund (Professorship) and \$700.00 for Student Athlete Grant-in-Aid Fund.
\$ 5,000.00	Dick Nisbet, Middletown, Ohio, for Humanities Support Fund.
\$ 5,000.00	Donald Power, Galloway, Ohio, for Tzagournis Research Fund.

#### Establishment of Named Funds

##### The Adam and Clara Maurer Scholarship Fund

The Adam and Clara Maurer Scholarship Fund was established September 2, 1983, by the Board of Trustees of The Ohio State University with a gift from Alan C. Trottman, B.S.Ed. '53, M.A. '59, to The Ohio State University Development Fund.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to provide one or more scholarships for a full-time undergraduate student(s) enrolled in the College of Education of The Ohio State University with major study in Physical Education and/or Fine Arts.

The selection of the recipient shall be made by the University Committee on Student Financial Aids in cooperation with the Dean of the College of Education.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with consideration for the recommendations from the University Committee on Student Financial Aids.



September 2, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Duane C. Brown Fund

The Duane C. Brown Fund was established September 2, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Duane C. Brown, Indialantic, Florida.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The fund is established to promote and stimulate scientific activity in photogrammetry. The income is to be awarded annually on the Eve of Thanksgiving Day, with diploma or certificate, to the person who has most successfully forwarded the cause of photogrammetry and strengthened the reputation of the Department of Geodetic Science and Surveying in the field of photogrammetry. At the same time, a student award may be made to a talented, enthusiastic and devoted student, teaching associate or research associate who has had particular interest in photogrammetry at the University or, in lieu of the awards, the committee may present a certificate, medallion or other tangible evidence. The selection committee for the awards will include the Chairman of the Department of Geodetic Science and Surveying and others as selected from time to time by the Chairman in consultation with the Dean of the College of Mathematical and Physical Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for education or research in photogrammetry.

##### Dorothy Sumption Wirthwein- Women's Physical Education Fund.

The Dorothy Sumption Wirthwein-Women's Physical Education Fund was established September 2, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University through The Ohio State University Development Fund from alumnae, students and colleagues in memory of Dorothy Sumption Wirthwein, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

September 2, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Dorothy Sumption Wirthwein- Women's Physical Education Fund (contd)

The income from this fund is to be used to provide an annual graduate fellowship to either the Graduate School or one of the professional colleges of The Ohio State University to a woman member of one of the athletic department intercollegiate squads. Selection is to be made from current squad members or those who have completed their athletic eligibility no more than three years prior to the date of application. It is to be based on need as well as on clearly demonstrated personal qualities of leadership and of academic potential. Selection of the recipient(s) shall be made jointly by the University Scholarship Committee and the Graduate School with recommendations from the person in charge of Intercollegiate Programs for women and a woman faculty member of the School of Health, Physical Education and Recreation. Preference shall be given to a candidate who has indicated a desire to pursue a career in teaching, coaching or conducting sports programs.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for women's intercollegiate athletics.

#### The Franz Theodore Stone Laboratory Scholarship Fund

The Franz Theodore Stone Laboratory Scholarship Fund was established September 2, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund, from the friends of Franz Theodore Stone Laboratory.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate and/or graduate students, who have demonstrated academic excellence and need for financial assistance, to study at the Franz Theodore Stone Laboratory. The selection of the recipients is to be made upon the recommendation of the F. T. Stone Laboratory Scholarship Committee in cooperation with the Director of the Laboratory and the Dean of the College of Biological Sciences.

September 2, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Franz Theodore Stone Laboratory Scholarship Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is at that time directly responsible for Lake Erie teaching, research and service.

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EMPLOYMENT OF ARCHITECT/ENGINEER AND  
REQUEST FOR CONSTRUCTION BIDS  
UNIVERSITY HOSPITALS RENOVATION MEDICAL LOGISTICAL SERVICES  
Resolution No. 84-24

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS this project is a two-story, above grade addition of approximately 30,000 square feet to be constructed within a court created by existing University Hospitals walls on three sides; and

WHEREAS this addition will provide new truck docks for receiving, distribution, and central service areas; and provide space for maintenance shops, housekeeping stores, and offices; and

WHEREAS the second story (Hospital first floor) will provide space for medical records and a central air conditioning room, with limited remodeling to be included in the existing building; and

WHEREAS \$5,180,000 will be made available from University Hospitals funds for this project:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified architectural/engineering firm for this project from the lists of firms requested from and provided by the Department of Administrative Services and that the fee for these architectural/engineering services be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

September 2, 1983 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND  
REQUEST FOR CONSTRUCTION BIDS  
UNIVERSITY HOSPITALS RENOVATION MEDICAL LOGISTICAL SERVICES (contd)

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EMPLOYMENT OF ARCHITECT/ENGINEER AND  
REQUEST FOR CONSTRUCTION BIDS  
UNIVERSITY HOSPITALS RENOVATION CLINICAL MEDICAL SERVICES  
Resolution No. 84-25

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS this project will be a four-floor and basement addition to the east end of the existing University Hospitals with direct connections at all floors to the new Cancer Research Institute building presently under design; and

WHEREAS this project will provide space for clinical medical services which will serve all of the existing and proposed medical buildings contiguous to this project, and will involve remodeling of existing spaces; and

WHEREAS \$5,570,000 will be made available from University Hospitals funds for this project:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified architectural/engineering firm for this project from the lists of firms requested from and provided by the Department of Administrative Services and that the fee for these architectural/engineering services be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

September 2, 1983 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND  
REQUEST FOR CONSTRUCTION BIDS  
UNIVERSITY HOSPITALS RENOVATION CLINICAL MEDICAL SERVICES (contd)

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Teaford, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 84-26

Synopsis: Approval of plans and specifications for the following projects is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

INDEPENDENCE HALL - ROOF REPLACEMENT

Project:	Due to weather deterioration, this roof is to be replaced with new roofing and insulation as necessary.
Funding:	B/A 210134 (Contract Repair 1983-84)
Estimated Project Cost:	\$80,000.00

HAMILTON HALL - EXTERIOR MASONRY REPAIRS, NORTH WING

Project:	Due to deterioration repairs are necessary to the exterior masonry on the west and south elevations of the north wing.
Funding:	B/A 210134 (Contract Repair 1983-84)
Estimated Project Cost:	\$27,000.00

September 2, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

STARLING-LOVING HALL - EXTERIOR MASONRY REPAIRS, "M" WING

Project: Due to deterioration repairs are necessary to the exterior masonry of the west elevation "M" wing of Starling-Loving Hall.

Funding: B/A 885197 (Local University Funds)

Estimated Project Cost: \$23,750.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Berry, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 84-27

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

TOWNSHEND HALL RENOVATION

Description: This project will improve classrooms, accommodate the Department of Psychology, and improve access for the handicapped. The entire building will be renovated, with the removal of all asbestos and PCB's, replacement of windows, mechanical and electrical systems, fixtures, interior doors, and exterior fire escapes, and installation of a new elevator.

General Contract

Date Received:	July 29, 1983
No. of Bids:	12
Low Bid:	\$1,353,608.00*
High Bid:	\$1,569,900.00*
Estimate of Cost:	\$1,497,484.00*
Awarded to:	Lincoln Construction Company, Columbus, Ohio

Plumbing Contract

Date Received:	July 29, 1983
No. of Bids:	10
Low Bid:	\$ 94,900.00*
High Bid:	\$ 134,775.00*
Estimate of Cost:	\$ 105,288.00*
Awarded to:	Westland Mechanical, Columbus, Ohio

\*Recommended alternates reflected in these figures.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

TOWNSHEND HALL RENOVATION (contd)

HVAC Contract

Date Received:	July 29, 1983
No. of Bids:	9
Low Bid:	\$ 734,000.00* (includes approved substitute)
High Bid:	\$ 847,100.00*
Estimate of Cost:	\$ 921,090.00*
Awarded to:	R. M. Giehl, Columbus, Ohio

Electrical Contract

Date Received:	July 29, 1983
No. of Bids:	13
Low Bid:	\$ 334,081.00*
High Bid:	\$ 469,305.00*
Estimate of Cost:	\$ 391,652.00*
Awarded to:	Buckeye Electric Co., Dayton, Ohio

Total All Contracts:	\$2,516,589.00*
Total Contingency Allowance:	\$ 201,759.12 (which is 8 per cent of construction costs)
Total Project Cost:	\$3,050,000.00*
Funding:	Amended Substitute House Bill 552, U & R

\*Recommended alternates reflected in these figures.



REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ARPS HALL RENOVATION

Description: This project will renovate the south and southwest portion of Arps Hall for the College of Education and the Department of Economics by improving the plumbing, electric, and heating-ventilating-air conditioning systems; improving or replacing lighting fixtures and interior and exterior doors; installing insulation in the attic area, replacing windows with energy-efficient ones; installing a window air conditioning system; refinishing ceilings and floors; and improving program functions by remodeling interior spaces.

General Contract

Date Received:	July 21, 1983
No. of Bids:	6
Low Bid:	\$ 712,325.00*
High Bid:	\$ 880,800.00*
Estimate of Cost:	\$ 905,301.00*
Awarded to:	M & P Construction, Gahanna, Ohio

Plumbing Contract

Date Received:	July 21, 1983
No. of Bids:	4
Low Bid:	\$ 36,155.00*
High Bid:	\$ 49,500.00*
Estimate of Cost:	\$ 47,221.00*
Awarded to:	J. A. Croson Co., Columbus, Ohio

\*Recommended alternates reflected in these figures.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ARPS HALL RENOVATION (contd)

HVAC Contract

Date Received:	July 21, 1983
No. of Bids:	5
Low Bid:	\$ 574,400.00*
High Bid:	\$ 633,800.00*
Estimate of Cost:	\$ 779,844.00*
Awarded to:	Limbach Co., Columbus, Ohio

Electrical Contract

Date Received:	July 21, 1983
No. of Bids:	10
Low Bid:	\$ 264,933.00*
High Bid:	\$ 318,277.00*
Estimate of Cost:	\$ 218,307.00*
Awarded to:	Seco Electric, Columbus, Ohio

Total All Contracts: \$1,587,813.00\*

Total Contingency Allowance: \$ 141,575.77 (which is 9 per cent of construction costs)

Total Project Cost: \$2,000,000.00\*

Funding: Am. Sub. HB 552, U & R

\*Recommended alternates reflected in these figures.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

MEANS HALL ROOF REPLACEMENT

Description: This project will provide for the removal of approximately 20,900 square feet of old deteriorated roofing and replacement with new roofing material, insulation, and drainage as required.

General Contract

Date Received:	July 20, 1983
No. of Bids:	5
Low Bid:	\$ 82,600.00*
High Bid:	\$183,600.00*
Estimate of Cost:	\$115,000.00*
Awarded to:	Mr. Build Mehan Co., Columbus, Ohio
Total All Contracts:	\$ 82,600.00*
Total Contingency Allowance:	\$ 9,171.36 (which is 11 per cent of construction costs)
Total Project Cost:	\$100,000.00*
Funding:	B/A 885198 (University Hospitals funds)

\*Recommended alternates reflected in these figures.

ENERGY MODIFICATIONS TO JOURNALISM BUILDING,  
MACQUIGG LABORATORY, VETERINARY HOSPITAL,  
UNIVERSITY HALL, HOWLETT HALL, AND ROBINSON LABORATORY

Description: In order to eliminate energy waste and excessive equipment operation, this project will provide numerous repairs and alterations to existing heating, ventilating, and air conditioning systems in the Journalism Building, MacQuigg Laboratory, Veterinary Hospital, University Hall, Howlett Hall, and Robinson Laboratory.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ENERGY MODIFICATIONS TO JOURNALISM BUILDING,  
MACQUIGG LABORATORY, VETERINARY HOSPITAL,  
UNIVERSITY HALL, HOWLETT HALL, AND ROBINSON LABORATORY (contd)

HVAC Contract

Date Received:	June 21, 1983
No. of Bids:	6
Low Bid:	\$ 71,300.00*
High Bid:	\$ 88,409.00*
Estimate of Cost:	\$165,300.00*
Awarded to:	Martina Sheet Metal, Columbus, Ohio
Total Contract:	\$ 71,300.00*
Total Contingency Allowance:	\$ 3,965.60 (which is 6 per cent of construction costs)
Total Project Cost:	\$ 88,500.00*
Funding:	B/A 210134

\*Recommended alternates reflected in these figures.

OHIO STADIUM, REPLACE HOT WATER LINES AND  
WATERMAN FARM, GAS LINE INSTALLATION

Description: Ohio Stadium: This project will replace the hot water supply and return lines supplying the Ohio Stadium from McCracken Power Plant to the east side of the parking area just west of McCracken Power Plant due to the deterioration of the existing lines.

Description: Waterman Farm: This project provides for the installation of a natural gas line at the Waterman Farm to replace the propane tanks presently serving this complex. The project will also provide for the conversion of all gas appliances from propane to natural gas, making the complex more cost effective.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

OHIO STADIUM, REPLACE HOT WATER LINES AND  
WATERMAN FARM, GAS LINE INSTALLATION (contd)

General Contract - Ohio Stadium

Date Received:	June 28, 1983
No. of Bids:	5
Low Bid:	\$ 50,377.00*
High Bid:	\$ 57,000.00
Estimate of Cost:	\$ 52,800.00
Awarded to:	R. H. Reeb, Columbus, Ohio

General Contract - Waterman Farm

Date Received:	July 14, 1983
No. of Bids:	6
Low Bid:	\$ 19,300.00
High Bid:	\$170,150.00
Estimate of Cost:	\$ 24,210.00
Awarded to:	Carlisle Mechanical Contractors, Baltimore, Ohio

Total All Contracts:	\$ 69,677.00
Total Contingency Allowance:	\$ 5,379.44 (which is 8 per cent of construction costs)
Total Project Cost:	\$ 80,000.00
Funding:	B/A 210134 (Contract Repair)

\*Low bid of \$48,235.00 was rejected because the contractor had an insufficient bid guaranty.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

PARKING LOT MAINTENANCE 1983  
COAL TAR PITCH AND EMULSION SEALCOAT

Description: This project entails the sealcoating of various parking lots, including those at Tuttle Park, Lord Hall, Postle Hall, Water Resources, Fawcett Center, French Field House, and the Printing Facility. The emulsion sealcoat application will add protection against gasoline and oil leaks from vehicles that dissolve unprotected asphalt as well as further retard degradation from the ultra violet rays of the sun. This protection will increase the longevity of the new asphalt.

General Contract

Date Received:	July 22, 1983
No. of Bids:	5
Low Bid:	\$29,677.00
High Bid:	\$42,624.80
Estimate of Cost:	\$55,413.00
Awarded to:	Miller Sealing, Hilliard, Ohio
Total All Contracts:	\$29,677.00
Total Contingency Allowance:	\$3,044.77 (which is 10 per cent of construction costs)
Total Project Cost:	\$37,500.00
Funding:	B/A 885071 (Traffic and Parking)

PARKING LOT MAINTENANCE 1983  
PATCH, REPAIR AND SLURRY SEAL - TYPE II

Description: This project consists of removing and replacing some badly broken asphalt, sealing cracks with liquid sealer, and slurry sealing the entire surface of the following parking lots: New Vocational Technical Education Building, Vivian Hall, Animal Science Building, and Howlett Hall.

September 2, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

PARKING LOT MAINTENANCE 1983  
PATCH, REPAIR AND SLURRY SEAL - TYPE II (contd)

General Contract

Date Received:	July 22, 1983
No. of Bids:	3
Low Bid:	\$29,836.76
High Bid:	\$49,523.75
Estimate of Cost:	\$35,149.00
Awarded to:	Strawser Slurry Seal Inc., Columbus, Ohio
Total All Contracts:	\$29,836.76
Total Contingency Allowance:	\$2,852.75 (which is 10 per cent of construction costs)
Total Project Cost:	\$36,500.00
Fundings:	B/A 885071 (Traffic and Parking)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution with eight affirmative votes cast by Dr. Jacob, Messrs. Hilliker, Havens, Galbreath, Redman, Immke, and Berry, and Mrs. Bowser, and one abstention by Mr. Teafor.

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September 2, 1983 meeting, Board of Trustees

EASEMENT  
WEST OHIO GAS COMPANY

Resolution No. 84-28

Synopsis: Renewal of gas line easement on the Lima Campus is proposed.

WHEREAS in 1968 the University granted to the West Ohio Gas Company an easement, 413 feet in length and 20 feet in width, on the Lima Regional Campus for the purpose of servicing University buildings; and

WHEREAS this easement expired in June, 1983, and the University has received a request from the West Ohio Gas Company to renew the easement for a period of fifteen years upon the same terms and conditions as the original easement; and

WHEREAS the gas line for which the easement is requested serves only University facilities; and

WHEREAS the appropriate agencies have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easement.

Upon motion of Mr. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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THE JUICE FACTORY IN THE OHIO UNION

Resolution No. 84-29

Synopsis: Renewal of the Juice Factory's lease in the Ohio Union is proposed.

WHEREAS the Board of Trustees entered into a five-year lease on September 22, 1978, with Soup'N Salads Company, now known as Greentree Enterprises, Inc., for the purpose of providing food services in the Ohio Union; and

WHEREAS the appropriate University offices and Greentree Enterprises have determined that it is in the best interests of both parties to renew this lease for an additional five-year term ending June 30, 1988; and



September 2, 1983 meeting, Board of Trustees

#### THE JUICE FACTORY IN THE OHIO UNION (contd)

WHEREAS the University and Greentree Enterprises have determined that the rent for the renewal term shall be based upon the following percentage of gross sales: 12% of gross sales of food and beverages and 13% of gross sales of beer and, for gross sales in excess of \$500,000 annually, 10% on food and beverages and 12% on beer:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to execute an addendum to the original lease dated September 22, 1978, with Greentree Enterprises, Inc., to renew the lease for an additional term ending June 30, 1988.

Upon motion of Mr. Teaford, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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#### APPOINTMENT OF INVESTMENT COUNSELORS

Resolution No. 84-30

Synopsis: Appointment of Investment Counselors is proposed.

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee, the following investment policies pertaining to the University's Investments Portfolio be implemented in accordance with the terms and conditions set forth.

Reappointment of the following-named investment managers to counsel in Endowment investments totaling the initial amounts indicated:

The Chicago Corporation	\$15,000,000
Huntington Investment Management Company	\$14,500,000
Neuberger & Berman Mutual Funds:	
Energy Fund	\$ 2,000,000
Guardian Fund	\$ 2,000,000
Partners Fund	\$ 1,000,000
Siebel Capital Management, Incorporated	\$16,000,000
Webster Management Corporation	\$ 1,000,000

September 2, 1983 meeting, Board of Trustees

APPOINTMENT OF INVESTMENT COUNSELORS (contd)

Appointment of the following-named investment managers to counsel in Endowment investments totaling the initial amounts indicated:

Centerre Trust Company	\$10,000,000
Starbuck, Tisdale & Williams	\$10,000,000

Reappointment of the following-named investment manager to counsel in non-Endowment investments totaling the initial amount indicated:

Huntington Investment Management Company	\$20,000,000
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Upon motion of Mr. Berry, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS  
Resolution No. 84-31

Synopsis: Approval for reimbursement of expenses for designated administrative officials is requested.

WHEREAS the Fiscal Affairs Committee has authorized the payment of expenses for designated administrative officials; and

WHEREAS it is deemed in the best interest of the University for the Fiscal Affairs Committee to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interest of the University;

NOW THEREFORE

BE IT RESOLVED, That the Fiscal Affairs Committee be authorized to provide reimbursement to designated University officials from unrestricted gifts to the University Endowment Fund.

Upon motion of Mr. Berry, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 2, 1983 meeting, Board of Trustees

COMMENDATION CONCERNING RELOCATION  
OF THE FARM SCIENCE REVIEW

Resolution No. 84-32

Synopsis: Commendation is proposed in recognition of the relocation of the Farm Science Review.

WHEREAS the College of Agriculture determined last year that the Farm Science Review should be moved to the Molly Caren Agricultural Center in order to provide enhanced facilities and to allow for substantially improved traffic flow in and out of the Farm Science Review; and

WHEREAS the Vice President for Agricultural Affairs, Dr. Max Lennon, and Mr. Craig Fendrick, Manager of the Farm Science Review, along with their colleagues and associates in all areas of agriculture at Ohio State, have worked extremely hard to facilitate the relocation of the Farm Science Review; and

WHEREAS the development of the Molly Caren Agricultural Center and the relocation have been accomplished in the extremely short time of one year:

NOW THEREFORE

BE IT RESOLVED, That Max Lennon, Craig Fendrick and all others who have been involved in this effort be thanked and commended for their accomplishment of this goal and that the Secretary of the Board be asked to inform the Office of the Vice President for Agricultural Affairs of the Board's deep appreciation in this regard.

Upon motion of Mrs. Bowser, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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TRANSFER OF TRUSTEESHIP FOR  
PHI DELTA KAPPA FOUNDATION

Resolution No. 84-33

Synopsis: Transfer of the trusteeship for the Phi Delta Kappa Foundation from the Board of Trustees of The Ohio State University to the Huntington National Bank is proposed.

WHEREAS the Board of Trustees of The Ohio State University currently acts as Trustee of the private foundation known as the Phi Delta Kappa Foundation; and

WHEREAS the Board of Trustees has consulted with the Board of Governors of the Phi Delta Kappa Foundation and officials of The Ohio State University; and

September 2, 1983 meeting, Board of Trustees

TRANSFER OF TRUSTEESHIP FOR  
PHI DELTA KAPPA FOUNDATION (contd)

WHEREAS all parties agree that it is in the best interest of the Board of Trustees of The Ohio State University to transfer the responsibilities of Trustee of the Phi Delta Kappa Foundation to a corporate trustee, the Huntington National Bank:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University authorizes the President and/or Vice President for Business and Finance to take all steps necessary to transfer any responsibilities, authorities, and duties the Board of Trustees of The Ohio State University has as trustee for the Phi Delta Kappa Foundation to the Huntington National Bank as soon as possible.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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ORGANIZATION-ATHLETICS

President Jennings made the following statement:

Mr. Chairman, I have one additional item that I would like simply to bring to your attention. As you know, the Office of the Vice Provost for Student Affairs is currently facing an enormous number of issues. In particular, the areas of registration and admissions are critical to the fulfillment of our academic mission at The Ohio State University. Beginning in the Autumn Quarter of 1984, we will be implementing an admissions program that very clearly articulates the academic skills required for a matriculating student to be successful at Ohio State. We must continue to concentrate our efforts to improve opportunities for any student who wishes to study at this institution, and who has the basic potential for academic success.

I have also placed increased emphasis on the responsibilities of the Office of the Vice Provost for Student Affairs. First, there is an increased focus on improving retention of highly qualified students. Second, there is increased emphasis on enhancing our recruitment, particularly of students with academic promise, both generally and among minority students. And finally, as noted, the implementation of the new admissions program for the Autumn Quarter, 1984, places an enormously increased burden upon the Vice Provost for Student Affairs.

### ORGANIZATION-ATHLETICS (contd)

Of course, these major efforts and initiatives are all in addition to the great responsibilities of the traditional student services functions, including residence and dining halls, non-academic student discipline, coordination of student extracurricular activities and all student or student-connected organizations, counseling, student financial aids and scholarships, off-campus student housing, University student union facilities, student health services and University-wide environmental health and safety concerns, and the monitoring of rules governing student conduct, both on and off campus.

The increased time commitment and increased responsibilities that this office must undertake are occurring when we are also in a transition process. We are now attempting to complete a nationwide search to find the best person available to serve as our new Vice Provost for Student Affairs.

All these reasons, in my judgment, necessitate that temporary relief be provided through a change in some of the other areas of responsibilities of that office.

As all of you know, nationally, there has been a significant number of management and academic issues confronting student athletic programs, especially intercollegiate athletics. Stringent academic standards, greater accountability for student athletes, issues involving broadcasting of athletic events, the enhancement of women's athletic programs, all are examples of the major issues being faced in this area. Although The Ohio State University has long been a leader in addressing many of these concerns, the problems are of such complexity that I believe special attention is required today.

For these reasons, and given the increased burden on the Vice Provost for Student Affairs, I am asking Mr. Larry Thompson, Special Assistant to the President, to undertake responsibility on a temporary basis for overseeing the managerial aspects of the student athletic programs. Because I feel it is also essential to retain academics as paramount in the area of athletics, I am also asking Dr. Russell Spillman, Associate Provost for Academic Affairs, to accept responsibility for the academic matters associated with athletics and to insure that these academic matters are properly retained within the Office of the Provost. I am confident that this dual team will be able to work well together and with the University's Athletic Council to give this area the special attention that these major issues require.

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September 2, 1983 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-34

RESOLVED, That the reports on the University's Investment Portfolio, dated June 30, 1983 and August 19, 1983, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, October 7, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Sue L. Mayer  
Acting Secretary

John D. Jacob, D.D.S.  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND NINETY-THIRD MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 7, 1983

The Board of Trustees met at its regular monthly meeting on Friday, October 7, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

\* \* \*

Minutes of the last meeting were approved.

\* \* \*

October 7, 1983 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 12:00 noon. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 1:30 p.m.

Dr. Jacob made the following statement:

This morning we had a report from Mr. Jeffers regarding the Hospitals Board which has been in operation during the last four years. They have certainly contributed substantial and very worthwhile services, and so at this time I would like to read a resolution--an expression of appreciation to the University Hospitals Board.

EXPRESSION OF APPRECIATION TO THE UNIVERSITY HOSPITALS BOARD  
Resolution No. 84-35

Synopsis: Recognition of the service of the members of the Hospitals Board is proposed.

WHEREAS The Ohio State University Hospitals Board was established by this Board of Trustees in November, 1979, and has actively served the University since 1980; and

WHEREAS the University Hospitals Board is responsible to this Board for the oversight of patient care services in the University Hospitals; and

WHEREAS reports from the Hospitals Board, including the report received today for Mr. Dean W. Jeffers, have indicated the positive direction of the myriad activities and operations of the University Hospitals, and it is anticipated that these outstanding results will continue in the future:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University Board of Trustees acknowledges with deep gratitude the enormous contribution of the members--both current and past--of the University Hospitals Board during the last four years in supporting and maintaining a strong tradition of excellence and effective use of resources in the discharge of patient care in the University Hospitals; and

October 7, 1983 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO  
THE UNIVERSITY HOSPITALS BOARD (contd)

BE IT FURTHER RESOLVED, That this expression of appreciation shall be transmitted by the Secretary of the Board to the Chairman of the University Hospitals Board with the request that current and previous members be informed of this action.

Upon motion of Mr. Havens, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 84-36

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Changes in Title, Appointments, Appointment of Department Chairperson, Leaves of Absence Without Salary, Leave of Absence Without Salary--Change of Date, Professional Improvement Leave, Professional Improvement Leave--Correction of Dates, Professional Improvement Leave--Cancellation and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the September 2, 1983 meeting of the Board, including the following Changes in Title, Appointments, Appointment of Department Chairperson, Leaves of Absence Without Salary, Leave of Absence Without Salary--Change of Date, Professional Improvement Leave, Professional Improvement Leave--Correction of Dates, Professional Improvement Leave--Cancellation and Emeritus Titles as detailed in the University Budget, be approved.

Changes in Title

Name:	PETER M. GERHART
Title:	Acting Dean
College:	Law
Effective:	Immediately
Salary:	\$65,040.00
Present Position:	Associate Dean, College of Law

Name:	RONALD L. ST. PIERRE
Title:	Associate Vice President for Health Services and Academic Affairs
Offices:	Health Services and Academic Affairs
Effective:	Immediately
Salary:	N/A
Present Position:	Associate Vice President for Health Services

October 7, 1983 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Appointments

Name: MALCOLM S. BAROWAY  
Title: Executive Director  
Office: University Communications  
Effective: October 1, 1983  
Salary: \$55,080.00  
Present Position: Director, Communication Services, The University of Michigan, Ann Arbor, Michigan

Name: FRANKLIN D. FITE  
Title: Executive Director  
Office: University Development  
Effective: October 31, 1983  
Salary: \$55,080.00  
Present Position: Vice President for Development and Public Relations, Otterbein College, Westerville, Ohio

#### Appointment of Department Chairperson

October 1, 1983 through June 30, 1987

Neurology

George W. Paulson

#### Leaves of Absence Without Salary

JULIUS G. GOLDBERG, Associate Professor, Department of Mathematics (Marion Campus), effective Autumn Quarter 1983, Winter Quarter and Spring Quarter 1984, for personal reasons.

ALFRED H. LERCH, Assistant Professor, Department of Aviation, effective Autumn Quarter 1983, Winter Quarter and Spring Quarter 1984, for personal reasons.

JAY F. HALLEY, Instructor, Cooperative Extension Service, effective November 1, 1983 through November 30, 1983, for personal reasons.

#### Leave of Absence Without Salary--Change of Date

YUJI KODAMA, Assistant Professor, Department of Mathematics, change leave of absence from October 1, 1983 through June 30, 1984, to January 1, 1984 through June 30, 1984.

#### Professional Improvement Leave

RONALD B. HOHN, Professor, Department of Veterinary Clinical Sciences, effective October 1, 1984 through September 30, 1985.

October 7, 1983 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Professional Improvement Leave--Correction of Dates

JAMES A. KNIGHT, Associate Professor, Department of Agricultural Education, correction of dates from Autumn Quarter 1983, Winter Quarter and Spring Quarter 1984, to September 1, 1983 through August 31, 1984.

#### Professional Improvement Leave--Cancellation

MARGRET R. PIERSON, Associate Professor, Department of Dance, effective Winter Quarter and Spring Quarter 1984.

#### Emeritus Titles

ROBERT G. HILL, JR., Department of Horticulture, with the title Professor Emeritus, effective October 1, 1983.

ORVILLE E. RUSSELL, College of Dentistry - Oral Surgery, with the title Professor Emeritus, effective October 1, 1983.

ALVIA L. BOZEMAN, Department of Educational Theory and Practice, with the title Associate Professor Emeritus, effective October 1, 1983.

CARL V. CLAUSEN, Department of Photography and Cinema, with the title Associate Professor Emeritus, effective October 1, 1983.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### RESOLUTIONS IN MEMORIAM

Resolution No. 84-37

Synopsis: Resolutions honoring the service of three of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Teaford, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Makoto Kawase

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 2, 1983, of Makoto Kawase, Professor in the Department of Horticulture.

October 7, 1983 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Makoto Kawase (contd)

Makoto Kawase was born in Japanese controlled Zuizan, Korea in 1926. He received a Bachelor of Agriculture degree in 1951 and a Master of Agriculture in 1954, both from the University of Tokyo. He received his M.S. from the University of Minnesota in 1958 and Ph.D. from Cornell University in 1960. He served as assistant professor of horticulture (temp.) at Purdue University 1960-1962, and was a plant physiologist for the Canadian Department of Agriculture at Morden, Manitoba, 1962-1966. He joined The Ohio State University faculty in 1966 as an associate professor at the Ohio Agricultural Research and Development Center and became professor in 1970. He participated actively in the teaching programs and worked with many graduate students during his 17-year career. His research included ecological differentiation of horticultural crops and basic studies in photoperiodic control of tree growth, plant senescence, rooting physiology, rooting substances, plant growth regulators, and flooding physiology. He held both U. S. and Canadian patents on the "Wooster Tube," a method he invented to containerize field-grown trees and shrubs. He twice won the American Society for Horticultural Science Alex Laurie Award (1962 and 1967); received a National Science Foundation Grant in 1970 to participate in the 18th International Horticultural Congress in Tel Aviv, Israel; and was awarded a NATO visiting professorship at Pisa University in Italy in 1974.

Professor Kawase published many scientific articles and held memberships in the American Society for Horticultural Science, American Society for Plant Physiologists, International Plant Propagators' Society, Scandinavian Society for Plant Physiology, Ohio Nurserymen's Association, Botanical Society of America, American Association for the Advancement of Science, Phi Kappa Phi, Alpha Xi, and Sigma Xi. In February 1983, he returned from leading a highly successful plant exploration in northern Japan followed by a visiting professorship at the University of Tokyo. The plant exploration, a fulfillment of a career-long ambition of Dr. Kawase, was supported by the North Central States Ornamental Subcommittee and resulted in collection of more than 800 specimens for identification and possible introduction as woody ornamental plants for the northern U. S.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

John W. Price

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 25, 1983, of John W. Price, Professor Emeritus, Department of Zoology, College of Biological Sciences.

October 7, 1983 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

John W. Price (contd)

Dr. Price was born in 1899 in Plain City, Ohio. He completed his undergraduate degree in Agriculture in 1921 at The Ohio State University, and he continued for his advanced degrees also at The Ohio State University receiving an M.S. in 1923 and a Ph.D. in 1930. He taught as a missionary in Bogota, Columbia, 1923-24. Dr. Price was appointed as an Instructor in 1927, Assistant Professor in 1930, Associate Professor in 1933, and Professor in 1943.

Dr. Price was a dedicated and enthusiastic teacher. He taught general zoology, vertebrate zoology and developed one of the first courses in comparative embryology. Dr. Price often taught field zoology at the Franz Theodore Stone Laboratory on Lake Erie in the summer months. Dr. Price is affectionately remembered as a mentor to many graduate students, he advised many of them for work toward advanced degrees.

Research was an integral part of his academic life, he believed in the value of basic research. Dr. Price published papers and made presentations relating to experimental embryology and fisheries biology. His work "A Study of the Food Habits of Some Lake Erie Fish," published as a Bulletin of the Ohio Biological Survey, is considered a landmark publication. Dr. Price was always curious and asked questions of both students and colleagues. His questions and original ideas often led to research problems investigated by his graduate students. Dr. Price was one of the founders of the Midwest Regional Developmental Biology Conference. He retired from the Department of Zoology in January, 1970.

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and The Ohio State University has sustained.

Harold R. Walley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 12, 1983, of Harold R. Walley, former Professor of English.

Born on March 21, 1900 in Reading, Pennsylvania, Professor Walley received his B.A. (1921), M.A. (1922), and Ph.D. (1924) degrees from Princeton University. He joined the Ohio State faculty in 1925 and was appointed Professor Emeritus on his retirement in 1966 after 41 years as the English department's principal scholar and teacher of Shakespeare.

He was the editor of several textbooks on drama, and the author of many research articles on Shakespeare and his contemporaries. Perhaps he was most widely known as a demanding teacher who brought Shakespeare excitingly alive for generations of OSU students; in recognition of this accomplishment he was named "Professor of the Year" by the Arts and Sciences Student Council in 1952.

October 7, 1983 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Harold R. Walley (contd)

On behalf of the University community, the Board of Trustees expresses to Dr. Walley's family its heartfelt sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-38

Synopsis: The reports on contracts, grants, and gifts and the summary for August, 1983 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the month of August 1983, be approved.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

## SUMMARY FOR AUGUST 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	91	\$6,169,886.27
Engineering Experiment Station	40	\$ 337,786.00
		\$6,507,672.27



October 7, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR AUGUST 1983 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The Electrical Engineering Alumni Endowment Fund (Research, teaching and service programs/facilities)	\$ 150,000.00
The Elmer E. and Ruth A. Tankersley Eye Research Fund (Department of Ophthalmology)	\$ 36,923.28
The Class of 1933 Endowment Fund (Student Loan Foundation)	\$ 14,051.50
The Wheeler R. and Loree A. White Memorial Scholarship Fund (Scholarships - Lakota School District)	\$ 6,701.00

Report from Presidents Club

Members to date	4,618
1983 members: year to date	88
New members - August 1983	6

New Presidents Club Members - August 1983

Frank C. Long, Jr.	Barbara Ann Sinsabaugh
Eugene K. Owen	Toni L. Turk
John L. Robinson	Lloyd G. Wright

October 7, 1983 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION**

Report - August 1983

**Federal Research Contracts/Grants**

\$775,000.00 - Department of Energy, Argonne, Illinois, High Energy Physics, Department of Physics (T. A. Romanowski, K. Reibel, N. W. Reay, N. R. Stanton, T. Y. Ling and H. P. Kagan), 1 August 1983 through 31 January 1984. (Project 762116 - Continuation)

\$430,800.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Ohio Sea Grant Program 1983-1984, Center for Lake Erie Area Research (C. E. Herdendorf) 1 September 1983 through 31 August 1984. (Project 762833 - Continuation)

\$250,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, High-Field Fourier Transform Nuclear Magnetic Resonance Spectrometer, Chemical Instrumentation Center (A. G. Marshall), 1 August 1983 through 31 July 1984. (Project 763743 - New)

\$248,951.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Transmural Transport in Blood Vessels, Department of Pathology (D. L. Fry), 1 July 1983 through 30 June 1984. (Project 763184 - Continuation)

\$224,411.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bethesda, Maryland, Minority Student Recruitment, Preparation, and Retention Program towards Careers in Dentistry, Medicine, Optometry, Pharmacy, and Veterinary Medicine, College of Medicine - Administration (E. L. Craig and C. L. Yash), 1 September 1983 through 31 August 1984. (Project 762834 - Continuation)

\$168,527.00 - National Science Foundation, Washington, D. C., Rainfall Studies Using the Differential Reflectivity Radar Techniques, Department of Electrical Engineering (T. A. Seliga), 1 July 1983 through 30 June 1984. (Project 762445 - Continuation)

\$160,000.00 - National Science Foundation, Washington, D. C., Establishment of a Center for Welding Research, Department of Welding Engineering (K. F. Graff) and Department of Psychology (T. C. Brock), 1 August 1983 through 31 July 1984. (Project 762389 - Continuation)

\$146,031.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Upward Bound, Office of Minority Affairs (J. Cruz), 1 September 1983 through 31 August 1984. (Project 763763 - Continuation)

October 7, 1983 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$132,250.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Liposome-Macrophage Activating Factor for Clinical Use, Department of Medicine (J. J. Rinehart and C. C. Whitacre) and Department of Microbiology (B. Zwillig), 1 July 1983 through 30 June 1984. (Project 763199 - Continuation)

\$109,552.00 - Department of Agriculture, Science and Education Administration, Arlington, Virginia, Hypobiotic Changes in Ostertagia ostertagi During Environmental Adaptation, Department of Veterinary Pathobiology (R. P. Herd), 1 September 1983 through 31 August 1985. (Project 762846 - Continuation)

\$99,685.00 - National Science Foundation, Washington, D. C., Study of Modified Carbon/Graphitic Surfaces for Electrocatalysis, Department of Chemistry (T. Kuwana), 1 August 1983 through 31 July 1984. (Project 762782 - Continuation)

\$96,602.00 - Department of Agriculture, Science and Education Administration, Arlington, Virginia, Characterization and Propagation of New Enteric Viral Pathogens of Swine, Department of Food Animal Health Research Program - OARDC (L. J. Saif), 15 August 1983 through 31 August 1986. (Project 763758 - New)

\$96,496.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, DNA Damage Following Exposure to Genotoxins, Department of Radiology (S. M. D'Ambrosio and A. A. Wani), 1 September 1983 through 31 August 1984. (Project 762787 - Continuation)

\$95,000.00 - Department of Agriculture, Science and Education Administration, Arlington, Virginia, Carbohydrate Metabolism in Legume Nodules, Department of Agronomy - OARDC (J. G. Streeter), 1 September 1983 through 31 August 1985. (Project 763778 - New)

\$92,074.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Abnormal and B Cell Growth in Aged Humans, Department of Medicine (R. L. Whisler), 1 August 1983 through 31 July 1984. (Project 763761 - New)

\$89,784.00 - Department of Agriculture, Science and Education Administration, Arlington, Virginia, Bovine Rotavirus: Molecular Epizootiology and the Quest for Serotypes, Department of Animal Health Research Program - OARDC (K. W. Theil), 15 August 1983 through 31 August 1986. (Project 763759 - New)

October 7, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$87,757.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Special Services Program for Disadvantaged Students, University College Administration (M. A. Stewart and B. D. McDaniel), 1 September 1983 through 31 August 1984. (Project 762867 - Continuation)

\$85,899.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pathobiology of Latent Lymphomagenic Feline Retroviruses, Department of Veterinary Pathobiology (J. L. Rojko), 1 August 1983 through 31 July 1984. (Project 763747 - New)

\$85,000.00 - National Science Foundation, Washington, D. C., The Categorical Theory of Grammatical Relations, Department of Linguistics (D. R. Dowty), 1 September 1983 through 31 August 1985. (Project 763765 - New)

\$83,076.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Washington, D. C., Parent-Child Conversation: A Dissemination Project for Handicapped and Disadvantaged Children, Nisonger Center for Mental Retardation (J. D. MacDonald), 30 June 1983 through 29 November 1984. (Project 763762 - New)

\$78,409.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Neural Control of Temperature Regulation, Department of Physiology (J. A. Boulant), 1 September 1983 through 31 August 1984. (Project 761187 - Continuation)

\$75,945.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Leadership Training of Special Education Doctoral Students in an Interdisciplinary Environment, Nisonger Center for Mental Retardation (D. C. Cavin), 1 June 1983 through 31 May 1984. (Project 763563 - New)

\$70,000.00 - National Science Foundation, Washington, D. C., Organization and Development of Bulbospinal Collaterals, Department of Anatomy (G. F. Martin, Jr.), 1 September 1983 through 30 August 1984. (Project 763771 - New)

\$70,000.00 - National Science Foundation, Washington, D. C., The Role of Calcium in the Control of Root Growth and Gravitropism, Department of Botany (M. L. Evans), 1 September 1983 through 31 August 1984. (Project 763770 - New)

October 7, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$64,679.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Diabetes-Vitamin E-Vascular Degeneration, Department of Physiological Chemistry (R. V. Panganamala), 1 August 1983 through 31 July 1984. (Project 761628 - Continuation)

\$55,629.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Thymidylate Synthetase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 September 1983 through 31 August 1984. (Project 762903 - New)

\$53,802.00 - Department of the Army, Army Corps of Engineers, Vicksburg, Mississippi, Development of a Theoretical Model for Ported Coaxial Cable Embedded at a Uniform Depth in a Lossy Half-Space, Department of Electrical Engineering, ElectroScience Laboratory (J. H. Richmond), 10 August 1983 through 9 March 1984. (Project 763766 - New)

\$52,000.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Preparing Parent Volunteers for Increasing Handicapped Youths' Employability: A Training of Trainers, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1983 through 31 May 1984. (Project 763748 - New)

\$52,000.00 - National Science Foundation, Washington, D. C., The 1982 Spanish Elections: The Consolidation of a New Democracy?, Department of Political Science (R. P. Gunther, G. A. Sani and G. A. Shabad), 15 July 1983 through 30 June 1985. (Project 763573 - New)

\$51,000.00 - National Science Foundation, Washington, D. C., Magnetic Domain Wall Resonance and the Electric Field Shift of the Ferromagnetic Resonance, Department of Physics (P. E. Wigen), 1 July 1983 through 31 December 1983. (Project 763741 - New)

\$50,295.00 - National Science Foundation, Washington, D. C., Late Cretaceous - Cenozoic Biostratigraphy of Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (P. N. Webb), 15 August 1983 through 15 July 1984. (Project 763746 - New)

\$50,000.00 - National Science Foundation, Washington, D. C., Regulation of Dihydrofolate Reductase Gene Expression, Department of Biochemistry (L. F. Johnson), 15 August 1983 through 14 August 1984. (Project 763775 - New)

October 7, 1983 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$49,657.00 - National Science Foundation, Washington, D. C., The Evolution of the Compositae of the Juan Fernandez Islands, Department of Botany (T. F. Stuessy and D. J. Crawford), 1 August 1983 through 31 July 1984. (Project 763738 - New)

\$48,213.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Cloned T Cell Responses to Macrophage Products (IL-1), Department of Surgery (C. G. Orosz), 1 August 1983 through 31 July 1984. (Project 763749 - New)

\$44,323.00 - Department of Agriculture, Science and Education Administration, Arlington, Virginia, Environmental Mastitis Control and Dietary Selenium and Vitamin E, Department of Dairy Science-OARDC (K. L. Smith and H. R. Conrad), 15 August 1983 through 28 February 1985. (Project 763757 - New)

\$40,407.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Advanced Radar Cross Section Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 18 July 1983 through 30 September 1983. (Project 763740 - Continuation)

\$39,877.00 - National Science Foundation, Washington, D. C., Specification Tests and Model Selection for Spatial Interaction and the Structure of Spatial Dependence, Architecture Administration-City and Regional Planning (L. Anselin), 1 August 1983 through 31 October 1984. (Project 763711 - New)

\$38,000.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Handicapped Personnel Preparation, Preparation of Special Educators, School of Health, Physical Education and Recreation (W. F. Ersing), 1 July 1983 through 31 May 1984. (Project 763768 - New)

\$30,942.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Rehabilitation Counseling Long-Term Training Grant, Department of Human Services Education (B. S. Growick and S. W. LeClair), 1 August 1983 through 31 July 1984. (Project 763777 - New)

\$30,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Experimental and Theoretical Assessment of a New Technique for the Nondestructive Evaluation of Adhesive Joints, Department of Engineering Mechanics (V. H. Kenner), 15 July 1983 through 15 February 1984. (Project 762999 - Continuation)

October 7, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

**\$18,438.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler), 1 September 1983 through 31 August 1984. (Project 760924 - Continuation)

**\$18,246.00** - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Acoustic and Performance Evaluation of General Aviation Propellers by Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 1 July 1983 through 15 February 1984. (Project 761471 - Continuation)

**\$18,050.00** - National Science Foundation, Washington, D. C., Nitrogen Fixation in Soybeans, Department of Agronomy (J. G. Streeter), 1 July 1983 through 30 June 1985. (Project 763756 - New)

**\$12,881.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, International Congress on Chemotherapy, College of Pharmacy (D. T. Witiak), 1 August 1983 through 31 July 1984. (Project 763750 - New)

**\$10,646.00** - National Science Foundation, Washington, D. C., Electronic Spectroscopy of Matrix Isolated Biradicals, Ylids and Carbenes, Department of Chemistry (M. S. Platz), 1 January 1984 through 30 June 1985. (Project 763764 - New)

**\$9,000.00** - Department of the Air Force, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Application of Full Wave Solutions to High Frequency (HF) Heating and Generation of Irregularities in the F-Region of the Ionosphere, Department of Electrical Engineering (T. A. Seliga), 1 August 1983 through 30 September 1983. (Project 763439 - Continuation)

**\$7,958.00** - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Noncontact Crash Data Acquisition Interface, Department of Electrical Engineering (H. Hemami), 1 July 1983 through 30 September 1983. (Project 762618 - Continuation)

**\$6,495.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pathology of Mitochondria in Ischemic Myocardium, Department of Physiological Chemistry (G. P. Brierley), 1 July 1983 through 30 June 1984. (Project 761229 - Continuation)

**\$6,000.00** - Defense Mapping Agency, Washington, D. C., Research Related to Inertial Survey Systems, Department of Geodetic Science and Surveying (I. I. Mueller), 1 August 1983 through 30 September 1983. (Project 763302 - Continuation)

October 7, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$5,939.00 - National Science Foundation, Washington, D. C., The Determinants and the Consequences of the Acceptance of a Scientific "Mistake", Department of Economics (A. M. Diamond, Jr.), 1 August 1983 through 31 July 1984. (Project 763755 - New)

\$4,350.00 - National Science Foundation, Washington, D. C., Systematics of the *Carex pachystachya* Cham. ex Steud. Complex (Cyperaceae), Department of Botany (D. J. Crawford), 15 August 1983 through 14 August 1984. (Project 763717 - New)

\$4,139.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pro-lactinomas: In Vivo and in Vitro Studies, Department of Veterinary Pathobiology (C. C. Capen) and Department of Medicine (W. B. Malarkey), 1 July 1983 through 30 June 1984. (Project 763223 - Continuation)

\$3,046.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of Low Cost Filler Materials for Welding High Strength Steels and Titanium Alloys, Department of Welding Engineering (D. G. Howden), 1 August 1983 through 31 December 1983. (Project 762890 - Continuation)

\$1,834.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Graduate Training in Biochemical Neuropathology, Department of Physiological Chemistry (L. A. Horrocks), 1 July 1983 through 30 June 1984. (Project 760708 - Continuation)

\$916.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Molecular Control in Cytochrome C Oxidase, Department of Physiological Chemistry (J. O. Alben), 1 January 1983 through 31 December 1983. (Project 762976 - Continuation)

\$717.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Subunit Studies of a Heart Respiratory Complex, Department of Physiological Chemistry (J. S. Rieske), 1 December 1982 through 30 November 1983. (Project 762285 - Continuation)

TOTAL - FEDERAL AWARDS

\$4,730,728.00

State of Ohio Research Contracts/Grants

\$170,997.00 - State of Ohio, Public Utilities Commission, Columbus, Ohio, Telecommunications Technical Assistance, National Regulatory Research Institute (D. N. Jones and C. Mount-Campbell), 1 July 1983 through 30 June 1984. (Project 763772 - Continuation)



October 7, 1983 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**State of Ohio Research Contracts/Grants (contd)**

\$59,586.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Otterslide Run Reclamation Project, Department of Agronomy (G. F. Hall) and Department of Civil Engineering (W. E. Wolfe), 29 July 1983 through 30 November 1983. (Project 763751 - New)

\$25,480.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Training Program in Psychology, Department of Psychology (H. L. Mirels), 1 July 1983 through 30 June 1984. (Project 762865 - Continuation)

\$25,000.00 - State of Ohio, Department of Public Welfare, Columbus, Ohio, Protection of Children in Institutional Care, College of Social Work (N. J. Rindfleisch), 1 July 1983 through 30 June 1984. (Project 763523 - New)

\$13,630.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Statistical Services for the State Comprehensive Outdoor Recreation Plan, Department of Agricultural Economics and Rural Sociology and Department of Agricultural Economics and Rural Sociology - OARDC (T. L. Napier), 1 July 1983 through 30 June 1984. (Project 763736 - New)

\$9,479.32 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Lake Erie Basin - Accelerated Conservation Tillage Project, Cooperative Extension Field Operations (T. L. Jones), 1 October 1981 through 30 June 1984. (Project 762943 - Continuation)

\$4,973.00 - State of Ohio, Ohio Humanities Council, Columbus, Ohio, Africa and the West: The Challenge of African Humanism, Department of Black Studies (I. J. Mowoe) and Department of Romance Languages and Literature (R. W. Bjornson), 6 March 1982 through 31 December 1982. (Project 763058 - Continuation)

**TOTAL - STATE OF OHIO AWARDS** **\$ 309,145.32**

**Industrial Research Contracts/Grants**

\$134,250.00 - Tominy Incorporated, Cincinnati, Ohio, Software Development Program, Academic Faculty of Accounting (J. Cunyningham), 1 July 1983 through 31 December 1983. (Project 763552 - Continuation)

\$84,017.00 - G. D. Searle & Company, Skokie, Illinois, Comparison of Flagyl and Placebo in the Treatment of Patients with Crohn's Disease, Department of Medicine (H. S. Mekhjian), 1 September 1983 through 30 June 1985. (Project 763779 - New)

October 7, 1983 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

\$73,604.00 - Abbott Laboratories, Columbus, Ohio, Isolation and Growth of Human Rotaviruses, Department of Medical Microbiology and Immunology (J. H. Hughes), 1 September 1982 through 31 August 1984. (Project 763278 - Continuation)

\$56,210.00 - Price Waterhouse and Company, Washington, D. C., ARAMCO Training Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 November 1983. (Project 763094 - Continuation)

\$28,120.00 - Adria Laboratories, Inc., Columbus, Ohio, Pharmacological Evaluation of Agents Affecting Membrane and Contractile Properties of Vascular Smooth Muscle, Department of Veterinary Physiology and Pharmacology (S. M. Strauch), 1 August 1983 through 31 July 1984. (Project 763760 - New)

\$14,933.00 - Quest Research Corporation, McLean, Virginia, Laser Radar Cross Section and Optical Augmentation Discriminants, Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins), 13 July 1983 through 12 October 1983. (Project 763754 - New)

\$1,500.00 - Cambridge Technology, Incorporated, Cambridge, Massachusetts, Conference: Skeletal, Heart and Smooth Muscle Energetics, Department of Physiology (J. A. Rall), 1 April 1984 through 31 March 1985. (Project 763773 - New)

\$578.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 22 July 1983 through 31 December 1984. (Project 763026 - Continuation)

**TOTAL - INDUSTRIAL AWARDS**

**\$ 393,212.00**

**Other Non-Federal Research Contracts/Grants**

\$210,790.95 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 July 1983 through 30 June 1984. (Project 763289 - Continuation)

\$107,860.00 - Hannah Neil Center for Children, Columbus, Ohio, Implementing Behavioral Treatment Activities: A Joint Human Services/Physical Education Internship, School of Health, Physical Education and Recreation (C. L. Mand) and Department of Human Services Education (J. O. Cooper), 1 July 1983 through 30 June 1984. (Project 763627 - Continuation)

October 7, 1983 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$64,876.00 - March of Dimes Birth Defects Foundation, White Plains, New York, Multicenter Preterm Birth Prevention Trial, Department of Obstetrics and Gynecology (J. D. Iams), 1 July 1983 through 30 June 1984. (Project 763334 - New)

\$59,376.00 - Ohio Cancer Research Associates, Columbus, Ohio, Phase I Trial of MVE-II in Metastatic Melanoma, Department of Medicine (J. J. Rinehart) and Cancer Research Center and Department of Medicine (J. A. Neidhart), 1 June 1983 through 30 November 1984. (Project 763731 - New)

\$51,000.00 - Virginia Polytechnic Institute and State University, Blacksburg, Virginia, The Chemical Architecture of Molecular Ferromagnets, Department of Chemistry (D. H. Busch), 15 July 1983 through 31 May 1984. (Project 763742 - New)

\$28,253.00 - Jamaica Government, Kingston Mall, Jamaica, Specialist Consultants for National Training Board and Planning/Evaluation and an International In-Resident Fellowship Program for Jamaica, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 31 December 1983. (Project 763425 - Continuation)

\$28,000.00 - Fourteen Members of the National Alliance of Post-secondary Education Institutions/Districts, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 June 1984. (Project 763548 - Continuation)

\$25,000.00 - Electric Power Research Institute, Palo Alto, California, Causes and Corrective Actions for Pitting in Steam Generator Tubing, Department of Metallurgical Engineering (S. S. Smialowska), 24 May 1983 through 15 September 1983. (Project 763582 - New)

\$25,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, Proteins that Covalently Bind to DNA: Their Role in Gene Expression in the Developing Embryo, Department of Microbiology (M. T. Muller), 1 September 1983 through 31 August 1984. (Project 763776 - New)

\$24,150.00 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 July 1983 through 30 June 1984. (Project 763289 - Continuation)

October 7, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$21,105.00 - Children's Hospital Research Foundation, Columbus, Ohio, Pancreatic Polypeptide in Patients with Altered Appetite, Department of Medicine (T. O'Dorisio and S. Cataland), Department of Psychiatry (K. Dixon) and Department of Psychology (G. Berntson), 1 January 1983 through 31 December 1983. (Project 763744 - New)

\$20,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, The Molecular Mechanisms of Chromosomal Movement, Department of Microbiology (B. R. Oakley), 1 July 1983 through 30 June 1984. (Project 763739 - New)

\$19,250.00 - Leukemia Society of America, Inc., New York, New York, Studies on the Regulation of T Cell Clones by Macrophage-Derived Factor(s), Department of Surgery (C. G. Orosz), 1 August 1983 through 30 June 1984. (Project 763752 - New)

\$14,464.00 - Morris Animal Foundation, Englewood, Colorado, The Effects of Concurrent Viruses on the Susceptibility of Cats to the Feline Leukemia Virus and Disease, Department of Veterinary Pathobiology (J. L. Rojko and G. J. Kociba), 1 August 1983 through 31 July 1984. (Project 763745 - New)

\$13,273.00 - Morris Animal Foundation, Englewood, Colorado, The Effects of Feline Leukemia Virus on the Proliferation of Bone Marrow Erythroid Progenitors, Department of Veterinary Pathobiology (G. J. Kociba), 1 August 1983 through 31 July 1984. (Project 763248 - Continuation)

\$10,000.00 - Morris Animal Foundation, Englewood, Colorado, The Epidemiology and Control of Strongylus vulgaris, the Major Cause of Colic in Horses, Department of Veterinary Pathobiology (R. P. Herd) and Department of Veterinary Clinical Sciences (A. A. Gabel), 1 August 1983 through 31 July 1984. (Project 762323 - Continuation)

\$7,470.00 - National Geographic Society, Washington, D. C., Coiled Tracheae in Cranes: Bizarre Structure of Undetermined Function, Department of Zoology (A. S. Gaunt), 1 June 1983 through 31 May 1984. (Project 763769 - New)

\$4,219.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (F. A. M. Benson), 1 August 1983 through 31 December 1983. (Project 763174 - Continuation)

October 7, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Other Non-Federal Research Contracts/Grants (contd)

\$2,394.00 - Idaho State University, Pocatello, Idaho, Technical Assistance for Idaho State University, The National Center for Research in Vocational Education (R. E. Taylor), 1 August 1983 through 30 September 1983. (Project 768044 - New)

\$320.00 - Northwest Regional Educational Laboratory, Portland, Oregon, Technical Assistance for Northwest Regional Educational Laboratory, The National Center for Research in Vocational Education (R. E. Taylor), 1 August 1983 through 30 September 1983. (Project 768043 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 736,800.95

### ENGINEERING EXPERIMENT STATION

#### Industrial and Other Sponsored Research and Development

\$337,786.00 - from 40 sponsors for 40 development projects under the direction of ten engineering departments and research areas.

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Establishment of Named Funds

##### The Electrical Engineering Alumni Endowment Fund

The Electrical Engineering Alumni Endowment Fund was established October 7, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, friends and industry benefactors of The Ohio State University Department of Electrical Engineering.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for those purposes which will aid the research, teaching and service programs/facilities within the Department of Electrical Engineering in the College of Engineering. The Chairman of the Electrical Engineering Department will have sole authority to authorize expenditures from the fund, as approved by the Dean of the College of Engineering.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for electrical engineering education.

October 7, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Elmer E. and Ruth A. Tankersley Eye Research Fund

The Elmer E. and Ruth A. Tankersley Eye Research Fund was established October 7, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Elmer E. Tankersley, Cleveland, Ohio, in honor of the Lions Club of Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for eye research under the direction of the Chairman of the Department of Ophthalmology and the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then directly responsible for eye education in the College of Medicine.

##### The Class of 1933 Endowment Fund

The Class of 1933 Endowment Fund was established October 7, 1983 by the Board of Trustees with gifts from the members of the Class of '33.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to benefit the Student Loan Foundation, Inc., of The Ohio State University.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees of the University with preference being given to recommendations from the appropriate administrative official of the University then responsible for the administration of student financial aid and/or scholarships and fellowships.

October 7, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Wheeler R. and Loree A. White Memorial Scholarship Fund

The Wheeler R. and Loree A. White Memorial Scholarship Fund was established October 7, 1983, by the Board of Trustees of The Ohio State University Development Fund with gifts from Mr. and Mrs. Eugene M. White and Mr. and Mrs. Robert C. White, children of Wheeler R. and Loree A. White.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students enrolled at The Ohio State University who are graduates of Lakota High School located in Sandusky County in Ohio. First preference is to be given to students from the former Risingsun School District as prior to its consolidation into Lakota School District. If Lakota School District should become consolidated or nonexistent, preference should go to students from the Risingsun area. If there are no qualified applicants during a given year, the income from that period will be added to the principal. The selection of the recipient shall be made by the University Committee on Student Financial Aids, with preference being given to those recommended by the senior administrative official from Lakota High School.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the appropriate administrative official of the area of student financial aid.

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## REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 84-39

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

October 7, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**UNIVERSITY AIRPORT RENOVATION - F.Y. 1983**

Description: Renovations will include: installing new runway lights on Runway 9R-27L; widening taxiway at terminal area; constructing a parallel taxiway at Runway 9L-27R; resurfacing Runway 14-32; resurfacing taxiway E; installing runway signs; resurfacing east Airport parking ramp; and resurfacing T-Hangar aprons.

**General Contract**

Date Received:	August 23, 1983
No. of Bids:	5
Low Bid:	\$503,181.94*
High Bid:	\$664,560.08*
Estimate of Cost:	\$697,853.00*
Awarded to:	Concept Construction, Columbus, Ohio

**Electrical Contract**

Date Received:	August 23, 1983
No. of Bids:	3
Low Bid:	\$160,372.07*
High Bid:	\$205,844.31*
Estimate of Cost:	\$193,280.50*
Awarded to:	Consolidated Suppliers, Columbus, Ohio

Total All Contracts:	\$663,554.01
Total Contingency Allowance:	\$ 33,447.30 (which is 5 per cent of construction costs)
Total Project Cost:	\$788,000.00
Funding:	Federal Aviation Administration Grant and University Funds

\*Recommended alternates reflected in these figures.



October 7, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**SAWTOOTH REPLACEMENT PHASE II  
(MCPHERSON CHEMICAL LAB)**

**Description:** Demolition of the sixty year old portion of McPherson Chemistry Laboratory (Sawtooth) and construction of a new four-story facility for Chemistry. This award of contracts covers only the demolition and asbestos removal.

**General Contract**

Date Received:	August 30, 1983
No. of Bids:	3
Low Bid:	\$167,000.00
High Bid:	\$203,800.00
Estimate of Cost:	\$205,105.00
Awarded to:	Craig Wrecking, Columbus, Ohio
Total Contingency Allowance:	\$ 15,706.30 (which is 9.4 per cent of construction costs)
Total Project Cost:	\$200,000.00
Funding:	Am. Sub. HB 552

**ENERGY CONSERVATION MODIFICATIONS - PHASE V  
UNIVERSITY HOSPITALS CLINIC**

**Description:** This project will provide needed energy modifications to increase the efficiency of the existing air systems in the control elements by installing new supply and return air dampers and inter-connection of the Hospitals Clinic temperature control panel with the existing master control panel in University Hospital.

**HVAC Contract**

Date Received:	September 13, 1983
No. of Bids:	1
Low Bid:	\$ 73,000.00
Estimate of Cost:	\$ 74,500.00
Awarded to:	Honeywell, Inc., Columbus, Ohio

October 7, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**ENERGY CONSERVATION MODIFICATIONS - PHASE V  
UNIVERSITY HOSPITALS CLINIC (contd)**

Total Contingency Allowance:	\$ 5,168.20 (which is 7.1 per cent of construction costs)
Total Project Cost:	\$ 92,800.00
Funding:	B/A 885205 (University Funds)

**COLLEGE ROAD BUS PULLOUTS**

Description: Construction of three bus pullout areas to provide bus stops clear of vehicular traffic.

**General Contract**

Date Received:	September 13, 1983
No. of Bids:	3
Low Bid:	\$57,090.75*
High Bid:	\$66,500.00*
Estimate of Cost:	\$69,000.00*
Awarded to:	Gaddis & Sons, Columbus, Ohio
Total Contingency Allowance:	\$ 5,719.35 (which is 10 per cent of construction costs)
Total Project Cost:	\$64,750.00
Funding:	University Funds (B/A 210134)

\*Recommended alternates included in these figures.

**ELECTROSCIENCE LAB - STORAGE ROOM ADDITION**

Description: Due to construction of a new generation of precision radar measurement research facility, additional space is necessary for location of peripheral equipment and target models.

October 7, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ELECTROSCIENCE LAB - STORAGE ROOM ADDITION (contd)

General Contract

Date Received:	August 17, 1983
No. of Bids:	3
Low Bid:	\$32,988.00
High Bid:	\$45,570.00
Estimate of Cost:	\$42,000.00
Awarded to:	Concepts Enterprises, Columbus, Ohio
Total All Contracts:	\$32,988.00
Total Contingency Allowance:	\$ 2,675.44 (which is 8 per cent of construction costs)
Total Project Cost:	\$40,600.00
Funding:	University Funds

STARLING-LOVING HALL - EXTERIOR MASONRY REPAIRS, "M" WING

Description: Due to deterioration, repairs are necessary to the exterior masonry of the west elevation "M" wing of Starling-Loving Hall.

General Contract

Date Received:	September 9, 1983
No. of Bids:	4
Low Bid:	\$18,405.00*
High Bid:	\$30,000.00*
Estimate of Cost:	\$28,350.00*
Awarded to:	Conley Meyer Construction, Piqua, Ohio

\*Recommended alternates reflected in these figures.

October 7, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

STARLING-LOVING HALL - EXTERIOR MASONRY REPAIRS, "M" WING (contd)

Total Contingency Allowance:       \$ 2,924.87 (which is 16 per cent of construction costs)

Total Project Cost:               \$23,750.00

Funding:                            B/A 885197 (University Funds)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Hilliker, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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SALE OF PROPERTY  
95 EAST 12TH AVENUE, COLUMBUS, OHIO

Resolution No. 84-40

Synopsis: Sale of property at 95 East 12th Avenue is proposed.

WHEREAS in 1981 the Board of Trustees acquired the property located at 95 East 12th Avenue, Columbus, Ohio, by gift from the Ohio State Gamma Alpha Association, an Ohio non-profit corporation; and

WHEREAS the gift of the property was subject to the condition that the property should be resold with the proceeds from the sale to be used to establish the Gamma Alpha Library Fund to purchase reference materials for the University's science libraries (Departments of Chemistry, Physics, Botany, Biological Sciences, and Geology); and

WHEREAS American Youth Hostels, Inc., has submitted an offer to purchase the property for \$79,000.00; and

WHEREAS it is the desire of this Board to accept the offer of the American Youth Hostels, Inc., and sell all of this Board's right, title, and interest in and to the property:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to sell, in the name of the Board of Trustees of The Ohio State University, all of the University's right, title, and interest in and to

October 7, 1983 meeting, Board of Trustees

**SALE OF PROPERTY  
95 EAST 12TH AVENUE, COLUMBUS, OHIO (contd)**

the property located at 95 East 12th Avenue, Columbus, Ohio, to American Youth Hostels, Inc., with the proceeds from such sale to be channeled through The Ohio State University Development Fund to establish the Gamma Alpha Library Fund as provided above.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENTS  
FRANKLIN COUNTY COMMISSIONERS**

Resolution No. 84-41

Synopsis: Renewal of road and storm sewer easements is proposed.

WHEREAS in 1968 the University granted to the Franklin County Commissioners two easements for the widening of Kenny Road, each easement being an irregular strip of land running parallel to the center line of Kenny Road and together containing 3.471 acres; and

WHEREAS in 1968 the University also granted to the Franklin County Commissioners a storm sewer easement consisting of an irregular plot of land west of the Kenny Road center line and containing .287 acres; and

WHEREAS these easements expired on July 2, 1983, and the Franklin County Commissioners have requested a renewal of the easements for a fifteen-year period upon the same terms and conditions as the original easements; and

WHEREAS the easements are beneficial to the University and are maintained at no cost to the University; and

WHEREAS the appropriate University offices have recommended that these easements be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for these easements.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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October 7, 1983 meeting, Board of Trustees

EASEMENT  
NATIONAL GAS OF OHIO

Resolution No. 84-42

Synopsis: Renewal of a gas line easement on the Newark Campus is proposed.

WHEREAS in 1968 the University granted to the National Gas of Ohio Company an easement consisting of a strip of land nine hundred fifty-five feet in length and twenty feet in width for the purpose of installing and maintaining a three-inch gas line; and

WHEREAS this easement expired February 28, 1983, and the University has received a request to renew the easement for a period of fifteen years upon the same terms and conditions as the original easement; and

WHEREAS the gas line for which the easement is requested serves only University facilities; and

WHEREAS the appropriate University offices have recommended that this easement be granted;

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easement.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-43

RESOLVED, That the report on the University's Investment Portfolio, dated September 16, 1983, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, November 4, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Sue L. Mayer  
Acting Secretary

John D. Jacob, D.D.S.  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND NINETY-FOURTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 4, 1983

The Board of Trustees met at its regular monthly meeting on Friday, November 4, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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November 4, 1983 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 12:00 noon.

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#### SECRETARY OF THE BOARD OF TRUSTEES

Resolution No. 84-44

Synopsis: Resumption of the responsibilities, duties and authority of the elected Secretary of the Board of Trustees is proposed.

WHEREAS, Madison H. Scott, Secretary of the Board of Trustees, has recovered from his recent hospitalization and is able to resume on a regular basis the duties and responsibilities as set forth in Rule 3335-1-02 of the Administrative Code:

NOW THEREFORE

BE IT RESOLVED, That effective immediately Mr. Scott shall resume the full responsibilities, duties and authority of the office of Secretary of the Board of Trustees of The Ohio State University.

Upon motion of Mr. Hilliker, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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Dr. Jacob requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 1:30 p.m.

#### AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES AND RULES OF THE UNIVERSITY FACULTY

Resolution No. 84-45

Synopsis: Amendments to the Bylaws of the Board of Trustees (paragraph (H) of bylaw 3335-1-03) and Rules of the University Faculty (paragraph (B) and (C) of rule 3335-3-08) are proposed.

WHEREAS the Vice President for Business and Finance has made recommendations regarding the operation and organization of the Office of Business and Finance; and

November 4, 1983 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY (contd)

WHEREAS pursuant to rule 3335-1-09 of the Administrative Code and upon recommendation of the President, the following changes in bylaw 3335-1-03 (H) and rule 3335-3-08 (B) and (C) are proposed:

BYLAW

3335-1-03 Administration of the university.

- (H) Vice president for business and finance. The major area of responsibility and authority of the vice president for business and finance shall be that of the administration of the university operations. Without limiting the generality of the foregoing, the vice president for business and finance shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the conduct and evaluation of all business and administrative activities and procedures, including management improvement programs; internal auditing; contracts administration; business management; business services; the development, allocation, utilization, and maintenance of the physical facilities; university public safety; university systems; the operation of the Fawcett center for tomorrow; and the coordination of all matters administratively assigned to the other vice presidents which relate to the business and administrative areas of the university.

RULE

3335-3-08 Vice president for business and finance.\*

- (B) The major area of responsibility and authority of the vice president for business and finance shall be that of the administration of the university operations. Without limiting the generality of the foregoing, the vice president for business and finance shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the conduct and evaluation of all business and administrative activities and procedures, including management improvement programs; internal auditing; contracts administration; business management; business services; the development, allocation, utilization, and maintenance of the physical facilities, university public safety; university systems; the operation of the Fawcett center for tomorrow; and the coordination of all matters administratively assigned to the other vice presidents which relate to the business and administrative areas of the university.
- (C) The principal administrative officials of the office of business and finance shall include the associate vice president, physical facilities; assistant vice president, business and finance; university fiscal officer; assistant vice president, university public safety; assistant vice president, business management; assistant vice president, business services; assistant vice president, university systems; director, contracts administration; director, internal auditing; and such other associates as may be authorized from time to time. (B/T 10/5/73, B/T 9/5/75, B/T 4/6/79, B/T 6/10/82, B/T 11/4/83)

\*Rule initiated by board of trustees.

November 4, 1983 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES  
AND RULES OF THE UNIVERSITY FACULTY (contd)

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty be adopted.

Upon motion of Mr. Berry, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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NAMING OF BUILDING

Resolution No. 84-46

Synopsis: Naming of a building is proposed.

WHEREAS pursuant to authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the President recommended, with the concurrence of the President's Staff, that the Phase II academic building located on the campus of the Agricultural Technical Institute be named William John Skou Hall to honor William J. Skou who contributed very substantially to teaching, scholarship and faculty development programs at ATI as well as to the floricultural industry in general during his career in this field:

NOW THEREFORE

BE IT RESOLVED, That the above specified building be named William John Skou Hall.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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NAMING OF BUILDING

Resolution No. 84-47

Synopsis: Renaming of a building is proposed.

WHEREAS pursuant to authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

November 4, 1983 meeting, Board of Trustees

#### NAMING OF BUILDING (contd)

WHEREAS the President recommended, with the concurrence of the President's Staff, that the Optometry Building located at 338 West 10th Avenue be renamed Glenn Ansel Fry Hall to honor Dr. Glenn Ansel Fry who devoted much of his career to developing and enhancing the graduate and research programs in physiological optics at Ohio State, having spent 44 years on the University's Faculty and having been Director of the School of Optometry and a Regents Professor:

NOW THEREFORE

BE IT RESOLVED, That the above specified building be renamed Glenn Ansel Fry Hall.

Upon motion of Mr. Teaford, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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#### NAMING OF BUILDING

Resolution No. 84-48

Mr. Galbreath presented the following resolution proposing that the Administration Building be named John W. Bricker Hall in honor of the former U. S. senator and governor of Ohio.

WHEREAS the Honorable John W. Bricker has, throughout his life, served his alma mater, his community, his state, and his country with honor and distinction; and

WHEREAS it is the desire of the Board of Trustees of The Ohio State University to establish a living and permanent memorial which recognizes Senator Bricker's significant contributions to the history and achievements of this University; and

WHEREAS pursuant to the authority of this Board as provided in Rule 3335-1-08 (G) of the Administrative Code, the President, with the concurrence of the President's Staff, has recommended that the Administration Building, located at 190 North Oval Mall, be named John W. Bricker Hall:

NOW THEREFORE

BE IT RESOLVED, That the Administration Building be named John W. Bricker Hall in honor of Senator Bricker's many years of distinguished service to this University.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 4, 1983 meeting, Board of Trustees

## HONORARY DEGREES

Resolution No. 84-49

Synopsis: Approval is requested for awarding honorary degrees to two individuals.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

George Snell	Doctor of Science
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Fred Machetanz	Doctor of Humane Letters
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NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT

Resolution No. 84-50

Synopsis: Approval is being requested for awarding degrees and certificates for Autumn Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements;

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on December 9, 1983, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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November 4, 1983 meeting, Board of Trustees

ESTABLISHMENT OF POOLED INCOME FUND IV

Resolution No. 84-51

Synopsis: Form of Agreement and Instrument of Transfer for Pooled Income Fund IV is being proposed.

RESOLVED, That the form of Agreement and Instrument of Transfer, included on the following pages, with respect to the University's Pooled Income Fund IV be, and they hereby are, approved, adopted, ratified and confirmed.

FURTHER RESOLVED, That the following three individuals be, and they hereby are, nominated and appointed to serve as trustees for donors transferring property to the University's Pooled Income Fund IV, each to serve at the pleasure of the Board of Trustees of the University in accordance with the terms of the instrument establishing Pooled Income Fund IV:

Thomas J. Kolda  
James R. McCoy  
James L. Nichols

Upon motion of Mr. Berry, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

CONTRIBUTION TO POOLED INCOME FUND IV  
OF THE OHIO STATE UNIVERSITY  
(INSTRUMENT OF TRANSFER)

The undersigned \_\_\_\_\_, Donor, hereby transfers to the Trustees of The Ohio State University Pooled Income Fund IV under the Agreement dated \_\_\_\_\_, 19\_\_\_\_, the following property:

the sum of \$ \_\_\_\_\_

the securities or other properties listed in the Schedule 1 attached hereto,

subject to the following terms and conditions:

1. The transfer shall be effective on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

2. The property will be commingled with property transferred by other Donors who have made or make similar transfers, and will be subject in all respects to said Agreement, the terms and conditions of which are hereby adopted and made a part hereof. A copy of said Agreement, marked Exhibit A, is attached hereto.

3. The Donor retains for himself and creates for his spouse, \_\_\_\_\_, a lifetime income interest in the property, determined under said Agreement. The income distributable to the life income beneficiaries shall be paid in accordance with said Agreement:

November 4, 1983 meeting, Board of Trustees

CONTRIBUTION TO POOLED INCOME FUND IV  
OF THE OHIO STATE UNIVERSITY  
(INSTRUMENT OF TRANSFER) (contd)

(a) To the Donor during his life

(b) To the Donor's spouse, \_\_\_\_\_, if she survives the Donor, during the remainder of her life.

The Donor retains the power exercisable only by will to revoke or terminate the income interest of his spouse.

4. An irrevocable remainder interest in the property is hereby transferred to The Ohio State University, to be severed from the Pooled Income Fund IV and distributed to the University at the termination of said income interest, as provided in said Agreement.

5. The funds and properties so severed from the Pooled Income Fund IV and distributed to the University shall be administered and expended by the University for its charitable purposes, as follows:

Signed by \_\_\_\_\_, Donor, and accepted by the Trustees of the Pooled Income Fund IV, as of \_\_\_\_\_.

DONOR:

\_\_\_\_\_

TRUSTEES:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

THE OHIO STATE UNIVERSITY  
POOLED INCOME FUND IV

This Agreement between The Ohio State University (the University) and Thomas J. Kolda, James R. McCoy, and James L. Nichols (the Trustees), executed as of the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_.

W I T N E S S E T H:

The purpose and intent of this Agreement is to create The Ohio State University Pooled Income Fund IV (the Trust), a pooled income fund as defined in Section 642(c)(5) of the Internal Revenue Code and the regulations thereunder, through which donors may make contributions to the University subject



November 4, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
POOLED INCOME FUND IV (contd)

to a retained life income interest. This Agreement and the Trust hereby created shall be construed and administered in a manner which is consistent with said statute and regulations.

1. Contributions. The Trust shall accept contributions of property (including money) from donors subject to the following terms and conditions:

(a) An irrevocable remainder interest in the property shall be contributed to or for the use of the University.

(b) The donor shall retain for himself and/or create for his spouse (to whom the donor is married at the time of the transfer) and/or other designated beneficiaries who are then alive and are acceptable to the Trustees, a lifetime income interest in the property transferred. If a spouse or other beneficiary is named as a co-beneficiary with the donor, the instrument of transfer shall designate the share of income payable to each and whether such shares are to be enjoyed concurrently and/or consecutively. The donor may retain the power exercisable only by will to revoke or terminate the income interest of his spouse or other designated beneficiary.

(c) If donors retain for their joint lives an income interest in jointly owned property transferred to the Trust, the instrument of transfer shall designate the share of income payable to each such donor and upon the death of the first to die, the survivor shall receive the entire income interest for the rest of the survivor's life. However, each donor retains the power, exercisable only by will, to revoke or terminate the interest of the survivor created in the deceased donor's interest in the property.

(d) Each instrument of transfer shall adopt and incorporate by reference all the terms and conditions of this Agreement, and each instrument of transfer shall in turn be adopted or incorporated by reference herein.

(e) The donor may not revoke an income interest of the University.

2. Certain Properties Excluded.

(a) The Trustees shall not accept or hold any property transferred under arrangements other than those specified in this Agreement and Section 642(c)(5) of the Internal Revenue Code.

(b) The Trustees shall not accept or invest in and the Trust shall not include any securities, the income from which is exempt from federal income tax.

3. Commingling of Life Income Properties. The Property transferred to the Trust by each donor shall be commingled with and invested or reinvested with other property transferred to the Trust by other donors satisfying the requirements of paragraph 1 of this Agreement.

THE OHIO STATE UNIVERSITY  
POOLED INCOME FUND IV (contd)

4. Fiscal Year - Valuation Dates. The Trust shall operate on a fiscal year ending on June 30. The Trust property shall be valued on the first day of each fiscal year (including a fiscal period of less than 12 months), on the first day of each quarter-annual period, and on each date on which property is transferred to the Trust by a donor.

5. Allocation and Distribution of Income.

(a) The income share of each beneficiary for each quarter-annual period of the Trust shall be determined by the rate of return earned by the Trust for such period with respect to his income interest (computed on the basis of units of participation). Income distributions shall be paid quarterly not later than 20 days after the end of each quarter. An adjusting payment, if necessary, will be made during the taxable year or within the first sixty-five (65) days following its close to bring the total payments to the actual income to which the beneficiary or beneficiaries are entitled for the year.

(b) Each income interest retained or created shall be assigned a number of units of participation which number shall be computed by dividing the fair market value of the property transferred by the fair market value of a unit in the Trust immediately before such transfer. The fair market value of a unit in the Trust shall be determined by dividing the fair market value of all property in the Trust at such time by the number of units then in the Trust. Although the value of the units vary from time to time, all units in the Fund shall always have equal value.

(c) The amount of income allocated to each unit of participation in the Trust shall be determined by dividing the income of the Trust for the taxable year by the outstanding number of units in the Trust at the end of such year; provided, however, that in the allocation of income to units outstanding during only part of a year (or part of a quarter-annual period) the Trustees shall take into consideration the period of time during which such units were outstanding.

(d) The income interest of a beneficiary shall terminate with the last regular payment made before his death. The Trustees shall not be required to prorate any income payment to the date of the beneficiary's death.

6. Classification of Income.

(a) For purposes of this Agreement the term income refers to the ordinary income of the Trust after deducting any costs and expenses incurred by the Trust which are properly chargeable to income, determined under the law of Ohio, and such term has the same meaning as it does under Section 643(b) of the Internal Revenue Code of 1954, or corresponding provisions of any subsequent federal tax law and the regulations thereunder.

(b) In allocating receipts and disbursements as between principal and income, the Trustees shall be governed by good accounting practices. Specifically (without intending to limit this general rule) all net gains realized

November 4, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
POOLED INCOME FUND IV (contd)

in the sale or other disposition of securities and other investments, capital gains distributions received from investment companies, mutual or common trust funds, liquidating distributions, and all other items not defined as income under Section 643(b) of the Internal Revenue Code, shall be allocated to principal.

Despite any provision of this Trust to the contrary, the Trust shall not accept, hold, or invest or reinvest in, any common trust fund unless it is a common trust fund to which Section 584 of the Internal Revenue Code applies.

7. Distribution of Remainder Interest.

(a) Upon the termination of an income interest, an amount equal to the value of the remainder interest in the property upon which the income interest was based shall be severed from the Trust and transferred to the University. The value of the remainder interest for such purpose shall be its value as of the date of the last regular payment made before the beneficiary's death.

(b) The instrument of transfer by the donor may include a statement of his intention or a direction as to the purposes for which the property is to be used by the University. Any such statement or direction shall be reviewed by the Trustees of the Trust and the transfer shall not be accepted unless such purposes are in furtherance of the charitable purposes of the University. If it is not possible for the University to use such property for the specified purpose, then such property shall be used for the general purposes of the University.

8. Maintenance of Trust - Trusteeship.

(a) The Trust has been created and will always be maintained by the University, and the Trustees shall be subject to the control of the University. The University may remove any one or more of the Trustees at any time without cause, and in case of such removal or other vacancy in the Trusteeship, the University shall designate one or more successor Trustees.

(b) No donor to the Trust or beneficiary of an income interest in the Trust shall be eligible to serve as Trustee, and no donor or beneficiary shall exercise any responsibilities, directly or indirectly, with respect to the Trust which would ordinarily be exercised by a Trustee.

(c) All expenses of operating the Trust, including any compensation payable to the Trustees, and all other costs and expenses, will be paid from the Trust.

9. Administrative Powers.

(a) Subject to the provisions of paragraph 10 and the rules and regulations applicable to pooled income funds as defined in Section 642(c)(5) of the Internal Revenue Code, the Trustees shall have full and complete power

THE OHIO STATE UNIVERSITY  
POOLED INCOME FUND IV (contd)

and authority to administer the property in the Trust, including the power to retain, sell, assign, transfer, exchange, mortgage, pledge, contract with respect to, and in any manner dispose of any or all of the property; to lease property, including leases for terms extending beyond the period of the Trust; to execute any instruments or writings incidental to the exercise of their powers; to exercise any voting, subscription and other rights and privileges incidental to securities; and to cause securities to be registered in the name of a nominee. The Trustees are given broad discretion in the investment of funds, including the authority to invest in all types of securities - other than tax exempt securities, see paragraph 2(b) - and other classes of property deemed to be in the best interests of the beneficiaries and the University. No person dealing with the Trustees shall be under a duty to see to the application of the proceeds of any transaction, and the execution of any instrument or paper by the Trustees shall be conclusive evidence to those dealing with them of their power so to act.

(b) The Trustees may consult with the managers and investment advisers holding the general endowment funds of the University, and may make use of University services in connection with purchases and sales of securities and other properties. It is intended, however, that this Trust shall at all times be maintained as a separate investment account operated by the Trustees. Detailed accounting records shall be maintained at all times, specifically identifying the assets included in the Trust and the income earned by such assets.

10. Federal Tax Requirements. The following specific prohibitions shall apply to the Trust, as a split-interest trust within the meaning of Section 4947(b) of the Internal Revenue Code:

(a) The Trustees shall not engage in any act of self-dealing as defined in Section 4941(d) of the Code.

(b) The Trustees shall not retain any excess business holdings as defined in Section 4943(c) of the Code.

(c) The Trustees shall not make any investment in such manner as to subject the Trust to tax under Section 4944 of the Code.

(d) The Trustees shall not make any taxable expenditures as defined in Section 4945(d) of the Code.

11. Duration of Trust - Amendments.

(a) The Trust shall remain in existence as long as any life income interests are outstanding, and thereafter until all property in the Trust has been transferred to the University.

(b) This Agreement shall be irrevocable and shall not be subject to amendment except to comply with Section 642(c)(5) of the Internal Revenue Code and the regulations thereunder, or corresponding provisions of any subsequent federal tax law or regulations.

November 4, 1983 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
POOLED INCOME FUND IV (contd)

Executed by the undersigned Trustees as of the date first written above.

TRUSTEES:

\_\_\_\_\_  
Thomas J. Kolda

\_\_\_\_\_  
James R. McCoy

\_\_\_\_\_  
James L. Nichols

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PERSONNEL ACTIONS

Resolution No. 84-52

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment, Reappointment of Department Acting Chairperson, Medical Staff--Appointments, Medical Staff--Reappointments, and Professional Improvement Leaves--Change of Dates are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the October 7, 1983 meeting of the Board, including the following Appointment, Reappointment of Department Acting Chairperson, Medical Staff--Appointments, Medical Staff--Reappointments, and Professional Improvement Leaves--Change of Dates as detailed in the University Budget, be approved.

Appointment

Name:	J. MICHAEL SPROTT
Title:	Director
Office:	Cooperative Extension Service
Effective:	January 1, 1984
Salary:	\$69,000.00
Present Position:	Dean and Director, Alabama Cooperative Extension Service, Auburn University, Alabama

Reappointment of Department Acting Chairperson

July 1, 1983 through June 30, 1984

Computer and Information Science

Stuart H. Zweben

November 4, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Appointments

Effective July 1, 1983

Stephen E. Feinberg, D.D.S.

Attending Staff in Oral and Maxillofacial Surgery; Assistant Professor  
Karamullah Pathan, M.D.

Limited Staff in Surgery (Urology); Clinical Instructor H.S.

Donald W. Trepashko, M.D.

Limited Staff in Surgery (Urology); Clinical Instructor H.S.

Effective August 1, 1983

Robert R. Evans, M.D.

Attending Staff in Anesthesiology; Assistant Professor

Seth M. Kantor, M.D.

Attending Staff in Medicine (Rheumatology); Assistant Professor

Deborah J. Kennedy, M.D.

Courtesy Staff in Ob-Gyn; Clinical Instructor H.S.

Effective August 15, 1983

Charles G. Brown, M.D.

Attending Staff in Emergency Medicine; Assistant Professor

Daniel Lee Coury, M.D.

Attending Staff in Pediatrics; Assistant Professor

Nancy Beth Hansen, M.D.

Attending Staff in Pediatrics; Assistant Professor

Effective September 1, 1983

Deborah J. Dehring, M.D.

Transfer from Limited Staff in Anesthesiology to Attending Staff in  
Anesthesiology; Instructor

Leslie A. Friedman, M.D.

Courtesy Staff in Neurology; Clinical Instructor

Barry S. George, M.D.

Limited Staff in Medicine (Cardiology Fellow); Clinical Instructor H.S.

Carl A. Minning, Jr., M.D.

Courtesy Staff in Ophthalmology; Clinical Assistant Professor

James Michael Moser, M.D.

Attending Staff in Preventive Medicine and Emergency Medicine;  
Assistant Professor

Barry G. Segal, M.D.

Limited Staff in Family Medicine; Clinical Instructor H.S.

Effective September 26, 1983

Norman Douglas Baker, M.D.

Limited Staff in Ophthalmology; Clinical Instructor H.S.

November 4, 1983 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

Medical Staff--Appointments (contd)

Effective October 1, 1983

Chester Osborn, M.D.

Courtesy Staff in Thoracic and Cardiovascular Surgery; Clinical  
Assistant Professor

Medical Staff--Reappointments

Effective July 1, 1983

Phillip D. Jeffers, M.D.

Courtesy Staff in Orthopedic Surgery

Donald Lewis, M.D.

Courtesy Staff in Ophthalmology

Walter A. Thomas, M.D.

Courtesy Staff in Ob-Gyn

Effective August 1, 1983

Caryl Heaton, D.O.

Attending Staff in Family Medicine

Professional Improvement Leaves--Change of Dates

ANN K. BLOMBACH, Assistant Professor, School of Music, change  
from Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985  
to Autumn Quarter 1985, Winter Quarter and Spring Quarter 1986.

BEVERLY G. SEATON, Assistant Professor, Department of English  
(Newark), change from Autumn Quarter 1984 and Winter Quarter  
1985 to Winter Quarter and Spring Quarter 1985.

Upon motion of Mr. Immke, seconded by Mr. Galbreath, the Board of Trustees  
adopted the foregoing resolution by unanimous roll call vote.

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### RESOLUTIONS IN MEMORIAM

Resolution No. 84-53

Synopsis: Resolutions honoring the service of three of the University's faculty  
members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and  
that the President be requested to convey a copy to the families of the  
deceased.

Upon motion of Mr. Galbreath, seconded by Mr. Hilliker, the Board of Trustees  
adopted the foregoing resolution by unanimous voice vote.

November 4, 1983 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Alfred B. Devereaux

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 20, 1983, of Alfred B. Devereaux, Professor Emeritus in the Department of Engineering Graphics.

Alfred B. Devereaux was born February 2, 1903, in Mechanicville, New York. He received the B.S. degree from the United States Military Academy in 1925. He served as an Instructor in various Garrison and Troop Schools in the United States Army. Professor Devereaux served as Assistant Professor of Military Science & Tactics at Cornell University from 1936 to 1940. His World War II duties included service in the European Theater of Operations and a term as Director of Field Artillery Training at Fort Bragg, North Carolina. His decorations included the Bronze Star and the Legion of Merit. From 1951 to 1955 he served as Professor, Military Science and Tactics, at The Ohio State University. He retired from the U. S. Army at the rank of Colonel and joined the Department of Engineering Graphics in 1956 as an Instructor. In 1958 he was promoted to Assistant Professor and served in that capacity until his retirement from The Ohio State University in 1973.

Professor Devereaux concentrated his efforts on teaching and provided improvements in Engineering Graphics instruction through course development. He had excellent rapport with students and was an effective and conscientious teacher.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Jean R. Geisman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 30, 1983, of Jean R. Geisman, Professor and Assistant Chairman in the Department of Horticulture.

Jean R. Geisman was born in Ohio City, Ohio in March 1933. He attended The Ohio State University, receiving the B.S. (1955), M.S. (1956), and Ph.D. (1958) degrees in horticulture, specializing in food technology. He joined the faculty of the Department of Horticulture in 1958 as an assistant professor. He was promoted to associate professor in 1963, professor in 1967, and assistant chairman in 1980. In 1961, he conducted post-doctoral research at the Oak Ridge Institute of Nuclear Studies. During his 25 years on the horticulture faculty, Dr. Geisman taught many undergraduate and graduate courses in food processing and related areas, served as an advisor for a number of M.S. and Ph.D. graduate candidates, worked with many OSU student organizations and University committees, and achieved wide recognition for his research with vegetables for processing. A committed and popular teacher, he served as advisor for the University Fruit and Vegetable Society, Phi Eta Sigma and Alpha Lambda Delta (freshman honorary societies), and was assistant advisor to the OSU Food Technology Club. He served a number of years as chairman of



November 4, 1983 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Jean R. Geisman (contd)

the Department of Horticulture Graduate Committee. Professor Geisman conducted research with fermentation of selected vegetable crops. He was widely recognized for his research on waste utilization and disposal of waste from the food processing industry. He developed techniques for reuse of spent brine from the pickling industry and utilization of tomato seed protein.

Dr. Geisman published widely and was a member of many professional organizations. He was a co-founder of the Buckeye Chapter of Phi Tau Sigma. He held memberships in the Institute of Food Technologists, American Society of Horticultural Science, Institute of Sanitation Management, Alpha Zeta, Gamma Sigma Delta, and had served in many offices in the Ohio Valley Institute of Food Technologists. He served on a number of national and regional educational, research, and industry committees during his career. At the time of his death, he was chairman of the OSU Radiation Safety Committee, member of the Graduate Council and its curriculum committee, and on the College of Agriculture Patent Advisory and Faculty Government Committees. He had served in leadership positions on a number of other University and College of Agriculture committees in past years. Among the honors he had received were the Distinguished Service Award from the Ohio Program National Junior Horticulture Association and in 1982, the Distinguished Teaching Award from Gamma Sigma Delta. He was listed in Who's Who in American Men & Women in Science.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Doris Tupps

The Board of Trustees of The Ohio State University expresses their sorrow at the death on October 2, 1983 of Doris Tupps, Assistant Professor Emeritus in the Cooperative Extension Service.

Mrs. Tupps was born September 13, 1916 in Farmer, Ohio. She received her bachelor of science degree in home economics from The Ohio State University in 1938. She then taught vocational home economics from 1938 until September 1941. She joined the Cooperative Extension Service on October 1, 1941 as the home demonstration agent in Henry County. On January 1, 1949 she transferred to Gallia County as the home demonstration agent. On October 1, 1958 she became the County Extension Agent, Home Economics in Crawford County; the position she held until her retirement on April 30, 1975. While employed in Crawford County she earned the master of science degree in home economics from Ohio University in 1970.

On behalf of the University community, the Board of Trustees expresses its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and her many friends and associates have sustained.

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November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-54

Synopsis: The reports on contracts, grants, and gifts and the summary for September, 1983 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the month of September 1983, be approved.

Upon motion of Mr. Redman, seconded by Mr. Immke, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

SUMMARY FOR SEPTEMBER 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	73	\$4,787,008.57
Engineering Experiment Station	45	\$ 740,330.00
		\$5,527,338.57

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR SEPTEMBER 1983 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The Mr. and Mrs. Warren Weiler Scholarship Fund in Agricultural Education (Undergraduate scholarships - College of Agriculture - Depart- ment of Agricultural Education)	\$17,000.00
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The Clyde and Crystal Beougher Endowed Scholarship in Agricultural Education (Undergraduate scholarships - College of Agriculture - Depart- ment of Agricultural Education)	\$ 5,100.00
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The Kimberly Sue Voress Memorial Scholarship Fund (College of Home Economics - Department of Home Economics Education)	\$ 5,000.00
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Report from the Presidents Club

Members to date	4,627
1983 members: year to date	100
New members - September 1983	12

New Presidents Club Members - September 1983

Christopher M. Copeland  
Martha D. Denman  
(Mrs. Richard J.)  
Frank W. Hance  
William W. Jenkins  
Frank E. Pulskamp  
Stephen F. Sammons

Edwin W. Sankey  
Martin P. Sayers  
James T. Share  
Vicki Lee Share  
(Mrs. James T.)  
Holly A. Taylor  
J. L. Trador

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1, 1983 through September 30, 1983

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Awards	Amount of Support
FEDERAL		
National Aeronautics and Space Administration	9	\$ 303,154.00
National Science Foundation	24	1,582,117.00
Department of Defense	14	642,633.00
Department of Energy	4	941,500.00
Department of Education	10	1,047,181.00
Department of Health and Human Services	45	5,745,707.00
Other Federal	23	2,776,947.00
TOTAL - FEDERAL	129	\$13,039,239.00
STATE OF OHIO	23	\$ 585,790.32
INDUSTRIAL	23	\$ 1,044,070.24
OTHER NON-FEDERAL	48	\$ 1,695,577.24
GRAND TOTAL	223	\$16,364,676.80

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1, 1983 through September 30, 1983

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Awards	Amount of Support
STATE OF OHIO	1	\$ 592.00
INDUSTRIAL AND OTHER	114	\$1,175,987.00
TOTALS	115	\$1,176,579.00

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - September 1983

Federal Research Contracts/Grants

\$1,264,475.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Affairs Administration (K. I. Wolpin), 1 October 1983 through 30 September 1984 (Project 760081 - Continuation)

\$574,859.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Spinal Cord Injury Research Center, Department of Surgery (W. E. Hunt and M. S. Beattie), Department of Physiology (B. T. Stokes), Department of Physiological Chemistry (L. A. Horrocks), Department of Pathology (A. J. Yates) and Department of Anatomy (J. C. Bresnahan and G. F. Martin), 1 September 1983 through 31 August 1984. (Project 763358 - Continuation)

\$344,800.00 - Department of Education, Office of Educational Research and Improvement, Washington, D. C., ERIC Clearinghouse on Adult, Career, and Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 14 September 1983 through 13 September 1984. (Project 762872 - Continuation)

\$159,346.00 - Environmental Protection Agency, Washington, D. C., Legionella pneumophila Differences in Strain Virulence, Department of Medicine (J. F. Plouffe and M. F. Para), 8 August 1983 through 7 August 1985. (Project 763790 - New)

\$150,000.00 - Department of Energy, Morgantown Energy Technology Center, Morgantown, West Virginia, Development of a Generalized Hydraulic Fracture Model, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 1 November 1983 through 31 October 1986. (Project 763827 - New)

\$100,166.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1983 through 31 August 1984. (Project 760026 - Continuation)

\$99,125.00 - Department of Education, Office of Bilingual Education and Minority Language Affairs, Washington, D. C., Training Project for Teachers of Indochinese Children, Leading to an M.A. in Education with a Specialty in Bilingual/Multicultural Education, Department of Educational Theory and Practice (V. G. Allen and C. R. Williams), 1 September 1983 through 31 August 1984. (Project 763792 - New)

November 4, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$97,730.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Development of Precerebellar Nuclei, Department of Anatomy (J. S. King), 1 September 1983 through 31 August 1984. (Project 760045 - Continuation)

\$84,874.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Intestinal Secretion Neurochemical Receptor Mechanisms, College of Pharmacy (L. J. Wallace), 1 September 1983 through 31 August 1984. (Project 761266 - Continuation)

\$82,466.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Discrete Control Modeling of Computer-Aided Control of Strongly Interactive Systems, Department of Industrial and Systems Engineering (R. A. Miller) and Department of Psychology (R. J. Jagacinski), 1 October 1983 through 30 September 1984. (Project 763264 - Continuation)

\$77,446.00 - Department of Agriculture, Science and Education, Arlington, Virginia, Control of Insect Populations by Regulation of Dormancy, Department of Entomology (D. L. Denlinger), 1 September 1983 through 31 August 1985. (Project 763774 - Continuation)

\$68,498.00 - Department of the Navy, Office of Naval Research, Washington, D. C., Advance Topics in Adaptive Arrays, Department of Electrical Engineering, ElectroScience Laboratory (R. T. Compton), 1 August 1983 through 31 July 1984. (Project 763784 - New)

\$63,306.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine - Administration (M. Tzagournis), 1 April 1983 through 31 March 1984. (Project 761078 - Continuation)

\$62,094.00 - Department of Transportation, Washington, D. C., Control Strategies for Combining Route Guidance and Signalization, Department of Electrical Engineering (U. Ozguner), 15 September 1983 through 14 April 1985. (Project 763811 - New)

\$56,684.00 - Department of Housing and Urban Development, Washington, D. C., Pricing and Insuring Mortgages, Academic Faculty of Finance (P. H. Hendershott and S. A. Buser), 1 July 1983 through 15 February 1984. (Project 763508 - Continuation)

\$55,000.00 - Department of Housing and Urban Development, Washington, D. C., Indefinite Quantity Contract for Housing Finance Research, Academic Faculty of Finance (R. L. Racster), 23 September 1983 through 24 February 1984. (Project 763508 - Continuation)

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$49,988.00 - Department of the Army, Army Material Development and Readiness Command, Redstone Arsenal, Alabama, Radar Cross Section (RCS) Prediction Code Development and Modification, Department of Electrical Engineering, ElectroScience Laboratory (R. J. Marhefka), 1 October 1983 through 30 September 1984. (Project 763828 - New)

\$45,696.00 - Department of Education, Office of Educational Research and Improvements, Washington, D. C., Analysis Study of NCES Longitudinal Studies Data--Transition to Postsecondary Education, The National Center for Research and Vocational Education (R. E. Taylor), 1 October 1983 through 30 September 1984. (Project 763818 - New)

\$38,427.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School Administration (J. B. LaPidus), 1 August 1983 through 31 March 1984. (Project 764748 - Continuation)

\$35,394.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, Pasadena, California, A Study of the Meteorological Factors in Earth Satellite Propagation, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 1 April 1983 through 30 June 1983. (Project 762612 - Continuation)

\$32,390.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Tissue Selectivity of 5-Fluorouracil Prodrugs, College of Pharmacy (J. Au), 1 September 1983 through 29 February 1984. (Project 763786 - New)

\$29,000.00 - Department of Transportation, National Highway Traffic and Safety Administration, East Liberty, Ohio, Accident Head Impact Reconstruction, Department of Mechanical Engineering (D. A. Guenther), 1 October 1983 through 30 September 1984. (Project 763816 - New)

\$27,048.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Analysis of the Scattering from an Inlet Geometry with Lossy Walls, Department of Electrical Engineering, ElectroScience Laboratory (P. H. Pathak), 25 September 1983 through 31 March 1984. (Project 763822 - New)

\$27,000.00 - Department of Agriculture, Forest Service, Portland, Oregon, Risk Evaluation for Landslides after Timber Harvest, Department of Civil Engineering (T. H. Wu), 1 September 1983 through 31 August 1984. (Project 763809 - Continuation)



November 4, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$25,022.00 - Department of Health and Human Services, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Traineeships, College of Social Work (M. T. Taris), 1 September 1983 through 31 August 1984. (Project 763817 - Continuation)

\$25,000.00 - National Science Foundation, Washington, D. C., The Role of Idealization and Approximation in the Development and Testing of Scientific Theories, Department of Philosophy (R. E. Laymon), 1 January 1984 through 31 December 1984. (Project 763819 - New)

\$19,236.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Immunobiology of Boronated Monoclonal Antibodies, Department of Pathology (R. F. Barth and C. W. Johnson), 1 October 1983 through 30 September 1984. (Project 762893 - Continuation)

\$18,303.00 - Department of Transportation, National Highway Traffic and Safety Administration, East Liberty, Ohio, Pedestrian Impact Quantification and Human Trauma Correlation, Department of Mechanical Engineering (R. L. Stalnaker), 1 July 1983 through 31 January 1984. (Project 763465 - Continuation)

\$15,661.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 August 1983 through 31 March 1984. (Project 760661 - Continuation)

\$15,000.00 - Department of Energy, Argonne, Illinois, University Reactor Sharing Program, Engineering Experiment Station (B. K. Hajek), 1 September 1983 through 31 August 1984. (Project 762411 - Continuation)

\$15,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Human Joint Articulation and Motion Resistive Properties, Department of Engineering Mechanics (A. E. Engin), 13 September 1983 through 30 September 1983. (Project 763802 - Continuation)

\$12,325.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Topographic Probability Mapping of Aortic Atherosclerosis, Department of Surgery (J. F. Cornhill), 31 August 1983 through 29 February 1984. (Project 763813 - New)

\$10,188.00 - National Foundation for the Arts and Humanities, National Endowment for the Humanities, Washington, D. C., The Teaching of Classical Civilizations--A Summer Institute for College Teachers, Department of Classics (M. P. Morford), 1 January 1984 through 30 June 1984. (Project 763416 - Continuation)

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$10,000.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, Pasadena, California, Support of the NASA Propagation Studies and Measurement Program, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis and E. K. Damon), 1 September 1983 through 30 September 1983. (Project 763692 - Continuation)

\$8,292.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, National Research Service Award, School of Health, Physical Education, and Recreation (R. L. Bartels and B. A. Smith), 15 September 1983 through 14 September 1984. (Project 763806 - New)

\$4,892.00 - Department of the Navy, Naval Shipyard Training Command, Portsmouth, Virginia, DACUM Occupational Analysis of the Fabric Worker Trade and DACUM Facilitation Training Program, The National Center for Research in Vocational Education (R. E. Taylor), 15 September 1983 through 15 December 1983. (Project 763812 - New)

\$3,496.00 - Environmental Protection Agency, Cincinnati, Ohio, Field Verification of Methane Movement Functions and Methane Control Systems for Landfill, Department of Civil Engineering (C. A. Moore), 1 September 1983 through 31 October 1983. (Project 761848 - Continuation)

\$1,500.00 - Department of Energy, Federal Energy Regulatory Commission, Washington, D. C., NRRI Technical Assistance to FERC to Install the CERES Computer, National Regulatory Research Institute (D. N. Jones), 19 September 1983 through 30 September 1983. (Project 763825 - New)

\$1,415.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, In Vivo Release of Transformed Cell-Specific Proteins, Department of Physiological Chemistry and Cancer Research Center (T. E. Webb) and Department of Physiological Chemistry (D. E. Schumm), 1 June 1983 through 31 May 1984. (Project 763071 - Continuation)

\$1,040.00 - Tennessee Valley Authority, Golden Pond, Kentucky, Participation in Academic Enrichment Program, School of Natural Resources (R. E. Roth), 5 September 1983 through 23 December 1983. (Project 763788 - New)

\$845.00 - Tennessee Valley Authority, Golden Pond, Kentucky, Participation in Academic Enrichment Program, School of Natural Resources (R. E. Roth), 29 August 1983 through 25 November 1983. (Project 763789 - New)

TOTAL - FEDERAL AWARDS

\$3,813,027.00

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants

\$104,619.00 - State of Ohio, Ohio Air Quality Development Authority, Columbus, Ohio, Sources of Soil, Surface Water and Precipitation Acidity and Related Effects on Soil, Plant Growth and Microorganism Activity, Laboratory for Environmental Science - OARDC (T. C. Weidensaul), 1 September 1983 through 31 August 1984. (Project 763273 - Continuation)

\$39,044.00 - State of Ohio, Ohio Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Medicine (S. P. Balcerzak), 1 July 1983 through 30 June 1984. (Project 762760 - Continuation)

\$38,130.00 - State of Ohio, Ohio Water Development Authority, Columbus, Ohio, Alternative Manure Systems for Large Swine Facilities, Department of Agricultural Engineering (R. K. White) and Department of Agricultural Economics and Rural Sociology (D. Southgate), 1 September 1983 through 30 November 1984. (Project 763791 - New)

\$17,000.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Public Film/Video Exhibition in Columbus 1982-83, Department of Photography and Cinema (J. R. Green), 1 July 1983 through 30 June 1984. (Project 763254 - Continuation)

\$16,170.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Training Program in Social Work, College of Social Work (M. T. Tavis), 1 July 1983 through 30 June 1984. (Project 762864 - Continuation)

\$3,000.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Mershon Auditorium Great Artist Series and Special Events, Mershon Auditorium (T. M. Van Leer), 18 October 1983 through 10 April 1984. (Project 763803 - New)

\$1,667.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Ohio Journal, Department of English (W. W. Allen), 1 July 1983 through 30 June 1984. (Project 763815 - New)

\$1,588.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Poetry Ohio: An Anthology of Ohio Poems, Marion Campus and Department of English (D. J. Citino), 1 September 1983 through 30 June 1984. (Project 763799 - New)

\$675.00 - State of Ohio, Ohio Arts Council/Ohio Humanities Council, Columbus, Ohio, TV Public Service Announcements, "Creative People Make a Difference", City and Regional Planning (L. C. Gerckens), 1 July 1983 through 30 June 1984. (Project 763726 - Continuation)

TOTAL - STATE OF OHIO AWARDS

\$ 221,893.00

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants

\$111,888.00 - Monsanto Company, St. Louis, Missouri, Responses of Lactating Dairy Cows to Polychlorinated Biphenyls, Department of Dairy Science - OARDC (L. B. Willett), 26 August 1983 through 25 August 1984. (Project 763767 - New)

\$84,057.00 - Westinghouse Electric Corporation, Baltimore, Maryland, Research in Transient Response Scattering of Antennas, Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 1 May 1983 through 31 December 1983. (Project 763607 - New)

\$50,000.00 - E-Systems Corporation, Falls Church, Virginia, Small Array Phase Study, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 1 August 1983 through 31 December 1983. (Project 763824 - New)

\$20,000.00 - The Upjohn Company, Kalamazoo, Michigan, Effect of Clindamycin on the Purine Metabolism of Sensitive and Resistant Staphylococcus aureus, Department of Medical Microbiology and Immunology (D. J. Pollack), 1 September 1983 through 31 August 1984. (Project 763787 - New)

\$19,575.00 - Bristol Laboratories, Syracuse, New York, A Double-Blind Comparison of Butorphanol and Fentanyl in Balanced Anesthesia, Department of Anesthesiology (J. S. McDonald), 1 August 1983 through 31 January 1984. (Project 763798 - New)

\$16,588.28 - A. H. Robins Company, Richmond, Virginia, Comparison of the  $\alpha$ -Adrenergic Blocking Activity of Lenperone and Acetylpromazine Maleate in the Halothane Anesthetized Dog, Department of Veterinary Clinical Sciences (W. W. Muir), 1 October 1983 through 31 December 1983. (Project 763793 - New)

\$10,000.00 - Adria Laboratories, Inc., Columbus, Ohio, Synthesis of Twenty Grams of Racemic 4-Demethoxydaunomycinone, Department of Chemistry (J. S. Swenton), 1 September 1983 through 31 December 1983. (Project 763785 - New)

\$3,400.00 - International Training and Education Company, Framingham, Massachusetts, Inresident/Fellowship/Training and Assistance for Academic Program for Mr. Jaber Al-Essa, Jubail Human Resources Development, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 30 November 1983. (Project 763633 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 315,508.28

November 4, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Other Non-Federal Research Contracts/Grants

\$90,583.00 - University of Michigan, Ann Arbor, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 September 1983 through 31 August 1984. (Project 761294 - Continuation)

\$89,154.00 - National Council of Teachers of Mathematics, Reston, Virginia, National Association Tenure, Department of Educational Theory and Practice (F. J. Crosswhite), 1 October 1983 through 30 June 1986. (Project 763814 - New)

\$45,657.29 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 July 1983 through 30 June 1984. (Project 763289 - Continuation)

\$30,888.00 - Commonwealth of Pennsylvania, Department of Education, Harrisburg, Pennsylvania, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 30 June 1984. (Project 763795 - Continuation)

\$30,888.00 - Southern Illinois University, Carbondale, Illinois, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 31 August 1984. (Project 763800 - Continuation)

\$30,200.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Interprofessional Development of Clinical and Continuing Education by the Commission on Interprofessional Education and Practice, Department of Policies and Leadership (L. Cunningham), 15 September 1983 through 30 September 1983. (Project 762825 - Continuation)

\$19,189.00 - Singapore Government, Singapore, Technical Support for the Educational Management Information System (EMIS) of the Singapore Vocational and Industrial Training Board, The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1983 through 31 January 1984. (Project 763804 - New)

\$18,096.00 - Columbus Department of Finance, Columbus, Ohio, Quality of Working Life Demonstration Effort, Department of Communication (D. M. Ronchi), 1 July 1983 through 30 June 1984. (Project 760790 - Continuation)

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$17,357.00 - Ohio Cancer Research Associates, Columbus, Ohio, Effects of a Bicycle Ergometer Program in Functional Status of Women with Breast Cancer, School of Health, Physical Education, and Recreation (R. L. Bartels and M. L. Winningham) and College of Nursing (M. G. MacVicar), 1 September 1983 through 31 August 1984. (Project 763810 - New)

\$16,408.00 - Battelle Memorial Institute, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (R. N. Christensen), 1 August 1983 through 30 September 1983. (Project 761731 - Continuation)

\$15,760.00 - Arthritis Foundation of Central Ohio, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 April 1983 through 31 March 1984. (Project 760620 - Continuation)

\$15,188.00 - San Jose State University, San Jose, California, Theoretical Analysis of the Temperature Dependence of Bandgap and Impurity-band Characteristics in Semiconductor Materials, Department of Physics (L. C. Brown), 20 June 1983 through 30 September 1983. (Project 763781 - Continuation)

\$10,000.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Health Professions Self-Assessment, Department of Educational Theory and Practice (A. G. D'Costa), 1 September 1983 through 31 December 1983. (Project 763801 - New)

\$3,763.00 - Singapore Government, Singapore, Resource Person for VITB Singapore, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 31 October 1983. (Project 763805 - New)

\$3,449.00 - American Society of Hospital Pharmacists, Washington, D. C., Predicting the Formulary Decision-Making of Pharmacy and Therapeutics Committee Members, College of Pharmacy (R. Segal and D. S. Pathak), 1 October 1983 through 30 September 1984. (Project 763808 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 436,580.29

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$592.00 - State of Ohio, Transportation Research Center, East Liberty, Ohio, "Engineering Data Analysis", Department of Industrial and Systems Engineering, 1 July 1983 through 30 June 1984. (312690)

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION (contd)

Industrial and Other Sponsored Research and Development

\$405,404.00 - from various industry sources contributing \$30,000 each for the continuing "Center for Welding Research" program, Department of Welding Engineering, 1 August 1983 through 31 July 1984. (529090)

\$85,313.00 - AVCO Lycoming Division, Stratford, Connecticut, "An Investigation of the LASPOT Process", Department of Welding Engineering, 1 October 1983 through 30 September 1984. (529639)

\$53,762.00 - GTE Products Corporation, Reidsville, North Carolina, "Laser Welding in the Production of Clad Pipe and Tubing", Department of Welding Engineering, 1 October 1983 through 30 June 1984. (529641)

\$49,000.00 - Systems Engineering, Worthington, Ohio, for Extension 1 of "Computer Simulation of Vehicular Crashes", Department of Mechanical Engineering, 1 October 1983 through 30 June 1984. (529633)

\$38,111.00 - City of Columbus, Ohio, "Revised Operating Policies for Alum Creek to Hoover Reservoir Pumped Water Intertie", Department of Civil Engineering, 1 October 1983 through 30 June 1984. (529640)

\$30,000.00 - General Motors, Detroit, Michigan, "Polymer Engineering Research Program (PERP)", Department of Chemical Engineering, 23 August 1983 through 1 May 1984. (529638)

\$20,000.00 - The Ohio State University Office of Physical Facilities for Extension 14 of "A Study of Energy Conservation for University Buildings (Program 4244)", Department of Mechanical Engineering, 11 October 1983 through 30 December 1983. (529008)

\$3,516.00 - ANACONDA American Brass, Rolling Meadows, Illinois, for Extension 1 of "Phase I: Laser Welding of Copper Alloys", Department of Welding Engineering, 1 April 1983 through 30 September 1983. (529630)

\$1,100.00 - American Society of Civil Engineers, New York, New York, "Survey of Educational Needs in Public Work Administration", Department of Civil Engineering, 1 October 1983 through 30 June 1984. (529637)

\$53,532.00 - from 29 sponsors for 35 development projects under the direction of six departments of the College of Engineering.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH      \$ 739,738.00

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Report - July 1983

Gifts of \$5,000 or More

\$385,614.62	James Overstreet, Columbus, Ohio, for Overstreet Chair.
\$ 50,000.00	The Spencer Foundation, Chicago, Illinois, for Spencer Educational Scholars Fund.
\$ 38,000.00	Bremer Foundation, Youngstown, Ohio, for The Bremer Foundation Fund.
\$ 35,742.09	Louise Scott, Columbus, Ohio--\$26,806.57 for William Craig Orr & Mary Black Orr Scholarship in Medicine and \$8,935.52 for William Craig Orr & Mary Black Orr Scholarship in Pharmacy.
\$ 30,000.00	Battelle Memorial Institute, Columbus, Ohio, for Conceptual Structure Representation Languages.
\$ 25,000.00	McDonnell Douglas Corp., St. Louis, Missouri, for Department of Mechanical Engineering Support Fund.
\$ 23,547.80	Systems Association, Columbus, Ohio, for Cardiology Support Fund.
\$ 20,000.00	Charles Hoover, Columbus, Ohio, for M. R. & C. H. Hoover Memorial Fund.
\$ 19,729.03	Robert Ewing, Monroe, Michigan, for College of Medicine Progress Fund.
\$ 18,000.00	American Society Hospital Pharmaceutical Research & Educational Foundation, Bethesda, Maryland, for Nutritional Support Fellowship Fund.
\$ 16,555.00	Janssen Pharmaceuticals, New Brunswick, New Jersey, for Cardiovascular Anesthesia Research Fund.
\$ 15,724.61	University Eye Surgeons, Columbus, Ohio, for Eye Bank Fund.
\$ 14,580.67	Carl Baldwin, Columbus, Ohio, for Baldwin Eye Care.
\$ 13,500.00	Exxon Educational Foundation, New York, New York, for Exxon Graduate Fellowship in Chemical Engineering.
\$ 11,000.00	Ohio Farm Grain & Supply, Fostoria, Ohio--\$8,000.00 for Endowed Program Fund in Cooperative Business Management; \$2,500.00 for Plant Protection Endowment Fund (Professorship); and \$500.00 for Agricultural Technical Institute Scholarship Fund.



November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 10,000.00	Adria Labs, Columbus, Ohio, for Dr. J. Swenton Research.
\$ 10,000.00	Ohio Food Processors Association, Worthington, Ohio, for Carl E. Haas Chair in Food Industries.
\$ 10,000.00	Worthington Industries, Worthington, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 9,401.86	Melvin Moffitt, San Antonio, Texas, for M. L. Moffitt Memorial.
\$ 8,000.00	Dow Chemical Company Foundation, Midland, Michigan, for Dow Chemical Company Scholarship and Fellowship Fund in Chemical Engineering.
\$ 8,000.00	Pulmonary Association, Columbus, Ohio, for Pulmonary General Fund.
\$ 7,500.00	The Upjohn Co., Kalamazoo, Michigan, for Electropharmacology Research.
\$ 6,612.50	American Cyanamid Co., Wayne, New Jersey, for Hematology and Cancer Research Fund.
\$ 6,000.00	Duriron Co., Inc., Dayton, Ohio, for Mars G. Fontana Fund.
\$ 6,000.00	National Action Council for Minorities in Engineering, Inc., New York, New York, for Affirmative Action Program in Engineering.
\$ 5,625.00	American Lung Association of Central Ohio, Columbus, Ohio, for Pulmonary General Fund.
\$ 5,199.31	West Virginia University Foundation, Morgantown, West Virginia, for Appalachian Basin Associates.
\$ 5,000.00	Alcoa Foundation Educational Matching Gift Program, Pittsburgh, Pennsylvania--\$1,000.00 for Alcoa Foundation Scholarship Fund in Mechanical Engineering; \$1,000.00 for Alcoa Foundation Scholarship Fund in Metallurgical Engineering; \$1,000.00 for Alcoa Foundation Scholarship Fund in Industrial Engineering; \$1,000.00 for Alcoa Foundation Scholarship Fund in Electrical Engineering; and \$1,000.00 for Alcoa Foundation Scholarship Fund in Chemical Engineering.
\$ 5,000.00	Jobs for American Graduates, Inc., Washington, D. C., for Center for Human Resource Research.

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 5,000.00 U. S. Steel Corp., Pittsburgh, Pennsylvania, for U. S. Steel Fellowship in Welding Engineering.

Report - August 1983

\$ 70,000.00 General Motors Foundation, Detroit, Michigan--\$16,000.00 for College of Engineering Special Fund; \$13,000.00 for Capital Campaign--Mechanical Engineering; \$8,000.00 for Capital Campaign--Industrial & Systems Engineering; \$7,000.00 for Capital Campaign--Chemical Engineering; \$6,000.00 for Engineering Mechanics Chairman's Discretionary Fund; \$6,000.00 for Capital Campaign--Welding Engineering; \$5,000.00 for Capital Campaign--Metallurgical Engineering; \$5,000.00 for Capital Campaign--Engineering Graphics; \$2,000.00 for Women Engineers--Engineering Administration; \$1,000.00 for Capital Campaign--Electrical Engineering; and \$1,000.00 for Affirmative Action Program in Engineering.

\$ 35,382.00 Wyeth Labs, Philadelphia, Pennsylvania, for Cardiovascular Pharmacology.

\$ 18,086.00 University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

\$ 15,550.00 Burroughs Wellcome, Research Triangle Park, North Carolina, for Digoxin Research Fund.

\$ 12,000.00 Glass Packaging Institute, Washington, D. C., for Engineering Mechanics Chairman's Discretionary Fund.

\$ 10,653.00 Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

\$ 10,432.00 Harold Collins, Toledo, Ohio, for The Harold E. Collins Scholarship Fund.

\$ 10,000.00 E. I. DuPont de Nemours and Company, Wilmington, Delaware, for DuPont Fund for Research in Chemical Engineering.

\$ 10,000.00 Midland-Ross Foundation, Cleveland, Ohio, for Civil Engineering Construction Operations Simulation Laboratory Fund.

\$ 9,200.00 Chemical Research Council, Trexlertown, Pennsylvania--\$7,820.00 for Council for Chemical Research Inc./Chemistry Support Fund and \$1,380.00 for Council for Chemical Research Inc./Chemical Engineering Support Fund.

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

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|-------------|---|
| \$ 8,400.00 | Ohio Expositions Committee, Columbus, Ohio, for Ohio 4-H Foundation Support Fund.   |
| \$ 8,000.00 | Hoffmann-LaRoche, Nutley, New Jersey, for Oral Surgery Support Fund.  |
| \$ 7,000.00 | Phi Beta Psi Sorority, Lima, Ohio, for Cancer Research Fund.  |
| \$ 5,910.00 | Armco Foundation, Middletown, Ohio--\$2,800.00 for Student Athlete Grant-In-Aid Fund; \$2,010.00 for Ohio 4-H Foundation Support Fund; and \$1,100.00 for un-designated purposes. |
| \$ 5,000.00 | Atlantic Richfield Foundation, Los Angeles, California, for Atlantic Richfield Fund for Chemical Engineering.   |
| \$ 5,000.00 | Dow Chemical Company Foundation, Midland, Michigan, for Dow Chemical Company Scholarship and Fellowship Fund in Chemical Engineering.   |
| \$ 5,000.00 | Kalmbach Feeds, Inc., Upper Sandusky, Ohio, for Kalmbach Family Scholarship.  |
| \$ 5,000.00 | Pfizer, Inc., Lees Summit, Missouri, for Pfizer Research Fellowship.  |
| \$ 5,000.00 | Rohm & Haas Company, Philadelphia, Pennsylvania, for Rohm & Haas Chemical Engineering Fund.   |

Report - September 1983

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|--------------|--|
| \$233,259.00 | Estate of Warner M. Pomerene, Coshocton, Ohio, for Warner M. and Lora K. Pomerene Fund in Agriculture.   |
| \$ 72,819.00 | Estate of Lora Kays Pomerene, Coshocton, Ohio, for Pomerene Chair in Medicine.   |
| \$ 30,000.00 | General Electric Foundation, Schenectady, New York --\$20,000.00 for G. E. Young Faculty in Electric Engineering; \$5,000.00 for Affirmative Action Program in Engineering; and \$5,000.00 for College of Administrative Science Fund. |
| \$ 30,000.00 | Ross Labs, Columbus, Ohio--\$25,000.00 for Mastitis Research Fund and \$5,000.00 for Carl E. Haas Chair in Food Industries.  |
| \$ 21,060.00 | Electro-Biology, Inc., Fairfield, New Jersey, for Veterinary Surgery Research.   |

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 20,000.00	Exxon Education Foundation, New York, New York, for Geology and Mineralogy Fellowship.
\$ 17,980.00	Shell Companies Foundation, Houston, Texas, for Shell Doctoral Fellowship.
\$ 17,500.00	American Foundation Pharmaceutical Education, Fair Lawn, New Jersey, for American Foundation Pharmaceutical Fund.
\$ 16,393.00	University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.
\$ 15,000.00	Retinal Consultants of Columbus, Columbus, Ohio, for Retina Research Fund.
\$ 13,200.00	National Steel Corporation, Pittsburgh, Pennsylvania, for National Steel Fellowship in Metallurgical Engineering.
\$ 13,024.00	Amoco Foundation, Inc., Chicago, Illinois, for Amoco Foundation Inc. Fellowship.
\$ 12,300.00	Lubrizol Foundation, Wickliffe, Ohio--\$8,500.00 for The Lubrizol Foundation Fellowship Fund for Chemical Engineering; \$2,000.00 for The Lubrizol Foundation Scholarship Fund for Chemical Engineering; \$1,200.00 for Lubrizol Foundation Scholarship--Mechanical Engineering; and \$600.00 for Lubrizol Foundation Scholarship--Mathematics.
\$ 10,509.00	Ortho Pharmaceutical, Raritan, New Jersey, for Gastrointestinal Cancer Research Fund.
\$ 10,463.00	Janssen Pharmaceutical, New Brunswick, New Jersey, for Cardio-Anesthesia Fund.
\$ 10,000.00	Charles W. Carroll, Akron, Ohio, for History Enrichment Fund.
\$ 10,000.00	Paul E. Watkins, Worthington, Ohio--\$5,000.00 for Department of History Library and \$5,000.00 for Friend of Libraries.
\$ 9,000.00	Iddings Foundation, Dayton, Ohio, for Iddings Trust Scholarships.
\$ 8,769.00	Westfield Company, Westfield Center, Ohio, for Ohio 4-H Foundation Support Fund.

November 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 8,218.00	Eastman Kodak Company, Rochester, New York, for Kodak Fellows Program.
\$ 8,000.00	Central Ohio Center for Economic Education, Columbus, Ohio, for Economic Education Fund.
\$ 8,000.00	Neurological Association, Columbus, Ohio, for Harry E. LeFever Fund for Education in Neurological Surgery.
\$ 7,359.00	Whirlpool Corporation, Benton Harbor, Michigan, for Whirlpool Fellowship in Electrical Engineering.
\$ 7,000.00	Kibble Foundation, Gahanna, Ohio, for Kibble Foundations Scholarship Fund.
\$ 7,000.00	Litton Bionetics, Kensington, Maryland, for Tumor Immunology Program.
\$ 7,000.00	Neuromuscular Disease, Columbus, Ohio, for Neuro-muscular Research.
\$ 6,063.00	Reproduction Research Education Association, Columbus, Ohio, for Education Publications and Research--Obstetrics Fund.
\$ 6,000.00	Distillers Feed Research Fund, Cincinnati, Ohio, for Horticulture-Processing Fund.
\$ 5,090.00	University Renal Group, Columbus, Ohio, for Renal Disease Research Fund.
\$ 5,000.00	Loren M. Berry Foundation, Dayton, Ohio, for undesignated purposes.
\$ 5,000.00	Joseph H. Goodman, Powell, Ohio, for Harry E. LeFever Fund for Education in Neurological Surgery.
\$ 5,000.00	Marathon Oil Foundation, Findlay, Ohio, for Office of Minority Affairs Scholarship Fund.
\$ 5,000.00	The Ruffner Foundation, Bloomfield Hills, Michigan, for College of Administrative Science Fund.
\$ 5,000.00	Estate of William J. Skou, Akron, Ohio--\$2,500.00 for W. J. Skou Scholarship Fund and \$2,500.00 for W. J. Skou Faculty Enrichment Fund.
\$ 5,000.00	Union Oil of California, Los Angeles, California, for Union Oil Petroleum Scholarship Fund.

November 4, 1983. meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Gifts of \$5,000 or More (contd)

\$ 5,000.00	Preston Wolfe, Columbus, Ohio, for Ohio 4-H Foundation Support Fund.
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#### Gifts-in-Kind

\$400,000.00	Harold F. Zieg, Columbus, Ohio, for College of Agriculture.
\$ 23,100.00	The Hance Corporation, Westerville, Ohio, for College of Agriculture.
\$ 21,825.00	Seven Limers, Inc., Bellevue, Ohio, for College of Agriculture.
\$ 13,500.00	Michael Greenberg, Northbrook, Illinois, for College of the Arts.
\$ 13,500.00	Geri Greenberg, Northbrook, Illinois, for College of the Arts.
\$ 12,600.00	H. G. Frank, Oak Brook, Illinois, for College of the Arts.
\$ 12,600.00	Mrs. H. G. Frank, Oak Brook, Illinois, for College of the Arts.
\$ 12,600.00	Abe D. Pelunis, Shaker Heights, Ohio, for College of the Arts.
\$ 12,600.00	Mrs. Abe D. Pelunis, Shaker Heights, Ohio, for College of the Arts.
\$ 10,400.00	Micrometrics Instrument Corp., Norcross, Georgia, for Poultry Science Department.

#### Establishment of Named Funds

##### The Mr. and Mrs. Warren Weiler Scholarship Fund in Agricultural Education

The Mr. and Mrs. Warren G. Weiler Scholarship in Agricultural Education was established as an annual scholarship in 1982. It was proposed that the scholarship be endowed by the Board of Trustees of The Ohio State University on November 4, 1983, with a generous gift from Warren G. and Josephine P. Weiler of Worthington, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

November 4, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Mr. and Mrs. Warren Weiler Scholarship Fund in Agricultural Education (contd)

Annually, at least \$100 of the income will be used for the support and recognition of leadership development activities. In addition, the income will be used to support undergraduate scholarships and leadership awards for worthy students enrolled in the College of Agriculture, majoring in Agricultural Education. The recipients will be selected by the Department of Agricultural Education in cooperation with the Student Financial Aids Office, based on the recommendations of a committee comprised of a representative from the Dean's Office of the College of Agriculture and two faculty members selected from the Department of Agricultural Education, one being an advisor of the Agricultural Education Society. The criteria for selecting recipients of this scholarship in priority order shall be as follows: demonstrated leadership and service in agriculture with an emphasis on the Agricultural Education Society, financial needs of the student, the student's intention to teach Vocational Agriculture, junior or senior rank during the year in which the scholarship is received, and scholastic achievement of the student.

Finally, any additional earnings shall be used by the Agricultural Education Society for projects which promote Agricultural Education in Ohio, in accordance with the donor's instructions on file in the Agricultural Education Department.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income from the fund may be used for whatever purpose is determined by the Board of Trustees, with preference being given to the appropriate official of the University who is then directly responsible for Agricultural Education.

##### The Clyde and Crystal Beougher Endowed Scholarship in Agricultural Education

The Clyde and Crystal Beougher Endowed Scholarship in Agricultural Education was established on November 4, 1983 by the Board of Trustees of The Ohio State University, with a generous gift from Clyde E. Beougher, B.S. '30, M.S. '54, Agricultural Education, of Delaware, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income will be used to support undergraduate scholarships for worthy students enrolled in the College of Agriculture. First preference will be given to students majoring in Agricultural Education. The recipients will be selected by the Department of Agricultural Education in consultation with the Dean of the College and the University Office of Financial Aids. Preference will be given to students who demonstrate outstanding academic achievement,

November 4, 1983 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**The Clyde and Crystal Beougher Endowed Scholarship  
in Agricultural Education (contd)**

and/or leadership in extracurricular activities. The Chairman of the Agricultural Education Department will provide the donor with the name of the scholarship recipient each Fall.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income from the fund may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to an appropriate official of the University who is then directly responsible for the Agricultural Education curriculum at The Ohio State University.

**The Kimberly Sue Voress Memorial Scholarship Fund**

The Kimberly Sue Voress Memorial Scholarship Fund was established November 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from her parents, Mr. and Mrs. Thomas C. Voress of Sidney, Ohio, and other family members and friends, in memory of Kimberly Sue, who was a student majoring in Home Economics Education.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income shall be used to provide a scholarship for students in the Department of Home Economics Education. The student selected should demonstrate active participation in student activities, dedication to his or her professional goal, and must demonstrate a financial need. First preference will go to Home Economics Education majors with seniors receiving first priority. The selection of the students shall be made by the Dean of the College of Home Economics in conjunction with the Director of Student Financial Aids. On an annual basis, the Dean of Home Economics will provide the Voress family with the name of the student who has received the award.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then responsible for the study of Home Economics.

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November 4, 1983 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND  
REQUEST FOR CONSTRUCTION BIDS  
WISEMAN HALL RENOVATION

Resolution No. 84-55

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS The Ohio State University Hospitals has programmed and requested renovation work in Wiseman Hall due to deteriorating facilities and related accreditation recommendations; and

WHEREAS this work will update and remodel the older sections of the building to provide some space modifications, replace many doors and frames and many floor, wall, and ceiling surfaces, provide new plumbing, environmental control, and electrical systems, and replace outmoded equipment; and

WHEREAS \$850,000 has been provided from University Hospitals funds for this purpose:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified architectural/engineering firm for this project from the lists of firms requested from and provided by the Department of Administrative Services and that the fee for these architectural/engineering services be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Hilliker, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 84-56

Synopsis: Approval of plans and specifications for the following project is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

November 4, 1983 meeting, Board of Trustees

## PLANS AND SPECIFICATIONS (contd)

### RHODES HALL - ATRIUM IMPROVEMENTS

**Project:** This project is for environmental work to improve the quality and quantity of light to the atrium within Rhodes Hall which will make for a safer as well as more attractive area for patient use.

**Funding:** B/A 885216 (University Hospitals Funds)

**Estimated Project Cost:** \$197,000.00

#### NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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## REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 84-57

**Synopsis:** Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

### UNIVERSITY HOSPITALS - 7th FLOOR RENOVATION

**Description:** This project includes the renovation of the center and west sections of the seventh floor of University Hospitals to upgrade the patient care facilities to meet present code requirement and medical criteria.

November 4, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

UNIVERSITY HOSPITALS - 7th FLOOR RENOVATION (contd)

General Contract

Date Received:	September 20, 1983
No. of Bids:	6
Low Bid:	\$ 647,000.00
High Bid:	\$ 694,000.00
Estimate of Cost:	\$ 700,000.00
Awarded to:	Sigma Construction, Lancaster, Ohio

Plumbing Contract

Date Received:	September 27, 1983
No. of Bids:	7
Low Bid:	\$ 186,770.00
High Bid:	\$ 268,000.00
Estimate of Cost:	\$ 250,000.00
Awarded to:	R. H. Reeb, Columbus, Ohio

HVAC Contract

Date Received:	September 20, 1983
No. of Bids:	6
Low Bid:	\$ 234,000.00*
High Bid:	\$ 393,662.00*
Estimate of Cost:	\$ 383,000.00*
Awarded to:	J. A. Croson, Columbus, Ohio

\*Recommended alternates reflected in these figures.

November 4, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

UNIVERSITY HOSPITALS - 7th FLOOR RENOVATION (contd)

Electrical Contract

Date Received:	September 20, 1983
No. of Bids:	11
Low Bid:	\$ 165,708.00*
High Bid:	\$ 262,650.00*
Estimate of Cost:	\$ 304,000.00*
Awarded to:	Buckeye Electric, Dayton, Ohio
Total All Contracts:	\$1,233,478.00*
Total Contingency Allowance:	\$ 188,615.11 (which is 15 per cent of construction costs)
Total Project Cost:	\$1,505,500.00
Funding:	University Hospitals Funds

\*Recommended alternates reflected in these figures.

NUCLEAR MAGNETIC RESONANCE FACILITY

Description: This project is a new facility to house the nuclear magnetic resonance imaging unit. The facility must be constructed of non-magnetic materials and provide radio frequency shielding to ensure proper operation of the unit. This facility will significantly enhance the University's efforts in biological and medical research.

General Contract

Date Received:	October 14, 1983
No. of Bids:	6
Low Bid:	\$294,000.00
High Bid:	\$334,900.00
Estimate of Cost:	\$302,037.00
Awarded to:	Cody Zeigler, Inc., Pickerington, Ohio

November 4, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

NUCLEAR MAGNETIC RESONANCE FACILITY (contd)

HVAC Contract

Date Received:	October 14, 1983
No. of Bids:	6
Low Bid:	\$ 48,700.00
High Bid:	\$ 52,300.00
Estimate of Cost:	\$ 47,920.00
Awarded to:	J. A. Guy, Columbus, Ohio

Plumbing Contract

Date Received:	October 14, 1983
No. of Bids:	6
Low Bid:	\$ 16,377.00
High Bid:	\$ 28,800.00
Estimate of Cost:	\$ 22,119.00
Awarded to:	R. H. Reeb, Columbus, Ohio

Electrical Contract

Date Received:	October 14, 1983
No. of Bids:	10
Low Bid:	\$ 41,510.00
High Bid:	\$ 64,447.00
Estimate of Cost:	\$ 55,261.00
Awarded to:	Electric Power Equipment, Columbus, Ohio

Total All Contracts: \$400,587.00

Total Contingency Allowance: \$ 40,820.78 (which is 10 per cent of construction costs)

Total Project Cost: \$497,000.00

Funding: B/A 882058

November 4, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CAMPUS ENTRANCE RENOVATIONS  
TUTTLE PARK PLACE AND LANE AVENUE  
KING AVENUE AND CANNON DRIVE

Description: This project, which will begin in the Spring of 1984, will provide for renovations to various campus entrances as follows:

Tuttle Park Place and Lane Avenue - increase vehicle radius turning area, install limestone wall with University logo, paving as required, and lighting.

King Avenue and Cannon Drive - install limestone wall with University logo, paving as required, and lighting.

General Contract

Date Received:	October 12, 1983
No. of Bids:	7
Low Bid:	\$ 83,600.00
High Bid:	\$107,508.00
Estimate of Cost:	\$ 81,000.00
Awarded to:	Sigma Construction, Lancaster, Ohio
Total All Contracts:	\$ 83,600.00
Total Contingency Allowance:	\$ 6,653.00 (which is 8 per cent of construction costs)
Total Project Cost:	\$ 93,000.00
Funding:	University Funds (B/A 885200)

HAMILTON HALL - EXTERIOR MASONRY REPAIRS, NORTH WING

Description: All weather-deteriorated joints and masonry openings will be cut out and resealed with an elastomeric sealant; all mortar joints in the brickwork will be repointed with a non-shrink mortar; and a section of the parapet wall on the west elevation will be torn down and rebuilt.

November 4, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

HAMILTON HALL - EXTERIOR MASONRY REPAIRS, NORTH WING (contd)

General Contract

Date Received:	October 14, 1983
No. of Bids:	5
Low Bid:	\$ 21,990.00*
High Bid:	\$ 39,785.00*
Estimate of Cost:	\$ 29,800.00*
Awarded to:	Trisco System, Inc., Lima, Ohio
Total All Contracts:	\$ 21,990.00*
Total Contingency Allowance:	\$ 1,581.20 (which is 7 per cent of construction costs)
Total Project Cost:	\$ 25,000.00*
Funding:	University Funds (B/A 210134 - Contract Repair)

\*Recommended alternate reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution with eight affirmative votes cast by Dr. Jacob, Messrs. Hilliker, Havens, Galbreath, Redman, Immke, and Berry, and Mrs. Bowser, and one abstention by Mr. Teaford.

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NON-MANDATORY TRANSFER FROM CURRENT FUNDS  
FISCAL YEAR 1982-83

Resolution No. 84-58

Synopsis: Transfers to Loan Funds, Endowment Principal Funds, Unexpended Plant Funds, Renewals and Replacements Funds-Remodeling and Renovation, and Renewals and Replacements Funds-Repairs and Replacements is being recommended for approval.

WHEREAS non-mandatory transfers from current funds for the fiscal year 1982-83 have been made; and

November 4, 1983 meeting, Board of Trustees

**NON-MANDATORY TRANSFER FROM CURRENT FUNDS  
FISCAL YEAR 1982-83 (contd)**

WHEREAS this accounting procedure is in compliance with the Auditor of State that all transfers made among fund groups during the fiscal year be reported:

NOW THEREFORE

BE IT RESOLVED, That the transfers as detailed in the accompanying report be accepted and approved.

Upon motion of Mr. Redman, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Account Description	Account Number	Transferred from Account Number	Amount
To: Loan Funds			
International Students	177	015800	\$ 36,000.00
A.T.I. Emergency Loan Fund	078991	033230	(900.00)
Total Transfers to Loan Funds			\$ 35,100.00
To: Endowment Principal Funds			
The William H. Davis Endowment for Basic Medical Research	071603	015018	\$ 125,000.00
The Ohio State University Name and Seal Scholarship Fund	075427	010055	20,000.00
		011038	30,000.00
		015102	50,000.00
Unrestricted Gifts	077435	015024	35,000.00
Total Transfers to Endowment Principal Funds			\$ 260,000.00
To: Unexpended Plant Funds			
Housing Commission No. 3	082032	017300	\$ (14,494.20)
Agronomy, Natural Resources, and Plant Pathology Building	082043	033433	498.76
		036591	34.24
Health Science Center Road	082049	010058	4,026.00
Land Purchases - OARDC	082052	010185	56,205.07
U.S.C.C. Cable Project	082054	010058	424,713.18
University Art Center	082055	010058	150,000.00
Rardin Family Practice Center	082056	025968	10,000.00
NMR Facility	082058	010058	200,000.00
WOSU-TV Metal Building	082059	033227	67,684.00
Total Transfers to Unexpended Plant Funds			\$ 898,667.05



November 4, 1983 meeting, Board of Trustees

NON-MANDATORY TRANSFERS FROM CURRENT FUNDS  
FISCAL YEAR 1982-83 (contd)

Account Description	Account Number	Transferred from Account Number	Amount
To: Renewals and Replacements Funds			
Remodeling and Renovation:			
Public Safety Building	085067	010058 \$	15,000.00
		016007	(2,377.00)
Parking Lot Repairs	085071	010058	(1,464.87)
		016007	25,000.00
Computer Design Lab	085072	010058	129,700.00
		036295	23,350.00
Sawtooth Replacement	085090	010058	2,839.99
Ohio Stadium Research Space	085126	010058	(20.00)
Conservation Projects - D.O.E.	085128	014002	(100.75)
		014004	(187.74)
		017200	(169.01)
Hitchcock Hall	085140	033459	(699.00)
Brown Hall	085145	010058	(330.30)
Ohio Union - Steps	085149	010058	(16.21)
Ohio Union - Elevator	085160	010058	(5,055.86)
Administration Building -			
Basement	085161	010058	(1,663.00)
Telephone System	085171	010058	23,702.00
		014007	77,413.52
Koffolt Lab	085173	010058	(2,495.00)
Parking Ramp Repairs	085175	016007	325,000.00
Northwest Parking Ramp	085177	016007	50,000.00
Rightmire Hall	085180	010058	(21,058.00)
Stadium Scholarship Dorm	085181	010058	15,240.00
		017200	652,003.00
Fawcett Center - Roof	085182	010058	(60,000.00)
4H Hall of Fame	085184	033590	102,850.00
Ohio Stadium - South Bleachers	085185	016019	86,000.00
Hagerty Hall	085186	010058	(3,970.00)
Howlett Hall	085187	013525	35,000.00
		036886	718.00
ElectroScience Lab	085188	010058	56,197.00
Johnston Lab	085191	010058	29,588.00
Biological Sciences Building	085192	010058	35,000.00
Mendenhall Lab - Cold Room	085193	010058	52,632.00
Energy Conservation Projects	085194	010058	4,100.00
Parks Hall	085195	010058	125,917.00
Farm Science Review - Relocation	085196	031895	17,450.00
Baker Systems Engineering Bldg.	085199	010058	27,816.00
Entranceways	085200	010058	111,500.00
Hamilton Hall	085201	010058	31,584.00
Administration Building -			
3rd Floor	085202	010058	54,071.00

November 4, 1983 meeting, Board of Trustees

NON-MANDATORY TRANSFERS FROM CURRENT FUNDS  
FISCAL YEAR 1982-83 (contd)

Account Description	Account Number	Transferred from Account Number	Amount
To: Renewals and Replacements Funds			
Remodeling and Renovation:			
Postle Hall - Dental Clinic	085203	010058	\$ 300,000.00
		057171	100,000.00
Hitchcock Hall	085204	010058	32,000.00
Veterinary Hospital	085206	010058	39,730.00
North Athletic Facility - Turf	085208	016550	188,900.00
Lab Animal Center	085209	010058	90,000.00
		064748	10,000.00
1325 Kinnear Road	085211	010058	224,319.82
Veterinary Hospital	085212	010058	26,955.00
		011046	500.00
OARDC - Telephone System	085213	010185	242,563.30
Child Development Lab	085214	033050	6,834.01
St. John Arena - Airconditioning	085215	016019	111,422.00
Neilwood Gables	085217	016102	33,363.00
Ohio Union - Auditorium	085218	016020	82,599.00
Lincoln/Morrill Towers - Emergency Lighting	085220	017301	149,250.00
Lima Campus - Library Shelving	085221	010928	30,500.00
Daken Hall	085222	010058	35,000.00
Total Remodeling and Renovation			\$ 3,714,000.90
Repairs and Replacements:			
Registration Services	086904	010058	\$ (22,306.00)
Business and Finance	086905	010058	15,774.00
University Systems	086906	010058	15,000.00
Physical Facilities	086909	010058	2,939.32
Police	086910	010058	(9,016.00)
Traffic and Parking	086911	016007	313,819.00
Food Facility	086912	014006	66,710.00
Stores	086913	014001	51,700.00
Laundry	086914	014004	105,288.00
Office Equipment Repair	086915	014003	31,000.00
Printing Facility	086916	014002	100,000.00
Physical Facilities Improvement	086920	010058	112,711.86
University Airport	086921	016014	140,824.06
Meats Lab	086922	011072	19,000.00
Fire Safety	086923	010058	(7,000.00)
Housing Commission No. 1	086924	016101	2,300.00
University Properties	086926	016300	2,400.00

November 4, 1983 meeting, Board of Trustees

**NON-MANDATORY TRANSFERS FROM CURRENT FUNDS  
FISCAL YEAR 1982-83 (contd)**

Account Description	Account Number	Transferred from Account Number	Amount
<b>To: Renewals and Replacements Funds</b>			
<b>Repairs and Replacements:</b>			
Endowment Properties	086927	016350	\$ 19,100.00
Endowment Properties - Improvements	086931	016350	22,900.00
Housing Commission No. 2	086934	016102	44,000.00
WOSU Stations	086938	010058	26,500.00
Stores - Improvements	086943	014001	45,000.00
Internal Auditing	086944	010058	5,500.00
Learning Resources	086945	010058	41,825.00
Libraries	086948	010058	30,000.00
Fawcett Center	086952	010058	15,000.00
Accounting	086953	010058	2,160.00
Accounts Payable	086954	010058	2,294.00
Inventory	086955	010058	1,200.00
Alumni Information	086958	010058	4,236.94
Ohio Union - Improvements	086963	016020	(28,185.00)
Transportation	086964	014100	66,616.04
Coin-Op Services	086970	014015	28,600.00
University Hospitals - Capital Equipment	086995	019000	5,984,247.30
<b>Total Repairs and Replacements</b>			<b>\$ 7,252,138.52</b>
<b>Total Transfers to Renewals and Replacements Funds</b>			<b>\$10,966,139.42</b>
<b>Total Transfers to Plant Funds</b>			<b>\$11,864,806.47</b>

**RECAP**

	Account Range	Amount
Current General	0100xx	\$ 2,382,376.87
Current General - OARDC	010185	298,768.37
Current General - Regional Campuses	0109xx	30,500.00
Current General - Department Earnings	011xxx	19,500.00
Current General - OSURF	013xxx	35,000.00
Current General - Service Accounts	014xxx	572,039.07
Auxiliary Enterprises	016xxx	1,417,065.06
Residence and Dining Halls	017xxx	786,589.79

November 4, 1983 meeting, Board of Trustees

NON-MANDATORY TRANSFERS FROM CURRENT FUNDS  
FISCAL YEAR 1982-83 (contd)

RECAP

	Account Range	Amount
Hospitals	019xxx	\$ 5,984,247.30
Current Restricted - Endowment	02xxxx	10,000.00
Current Restricted - Development Fund	03xxxx	218,720.01
Current Restricted - Other	05xxxx	100,000.00
Current Restricted - OSURF	06xxxx	10,000.00
Total Non-Mandatory Transfers to Plant Funds		\$11,864,806.47

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-59

RESOLVED, That the report on the University's Investment Portfolio, dated October 21, 1983, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, December 8, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

John D. Jacob, D.D.S.  
Chairman

APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

December 9, 1983

## Commencement Speaker

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### **Robert M. Zollinger, M.D.**

An internationally known surgeon and teacher of surgery, Robert M. Zollinger, M.D., retired in 1974 as professor and chairman of Ohio State's Department of Surgery after 28 years in that position. He also held the title of Regents Professor.

Dr. Zollinger received his bachelor of science degree at Ohio State in 1925 and his M.D. degree in 1927. He spent 14 years on the medical faculty at Harvard University before returning to Ohio State. His military service during World War II included a period as senior consultant on general surgery for the European Theater of Operations.

He is the author or coauthor of more than 330 publications, including the *Atlas of Surgical Operations* and the *Textbook of Surgery*. He has served on numerous editorial boards and has been editor of the *American Journal of Surgery*.

Dr. Zollinger has shared his talents throughout the world, serving as president or chairman of several professional societies and as visiting professor at many medical schools. His many awards and honors include fellowships, honorary degrees, and the establishment of the Robert M. Zollinger Chair of Surgery in Ohio State's College of Medicine. He received the Joseph M. Sullivant Medal, the highest award conferred by Ohio State, in 1965.

### Christa Wolf

#### Doctor of Humane Letters

Recognized as the outstanding novelist today in her native East Germany, Christa Wolf has attracted international attention and acclaim to her considerations of feminism, socialism, and humanism. Her writing has achieved such stature that it transcends the limits of cultural policy control prevalent in her homeland.

Her work has explored styles ranging from the traditional to the avant-garde, while consistently displaying a unique combination of outstanding literary talent and a deep philosophical commitment to the present and future cause of humanity. Through extensive lecturing and travels in Europe and, briefly, in the United States, she has provided an example both to writers of her generation as well as to younger writers of German fiction in the East and West.

Christa Wolf's first published work in English, *The Quest for Christa T.*, in 1970, was called "a literary landmark" by the *New York Post* and "one of the few great novels in the German language since the war" by the *London Times*. Her works in German are studied extensively at universities throughout the United States.

She has received numerous prizes, including the East German Heinrich Mann Prize in 1963, the National Prize of East Germany's Academy of Arts in 1964, and the Georg Büchner Prize of the West German Academy for Language and Literature in 1980.

She has been writer-in-residence at Oberlin College and, during Spring Quarter 1983, was Distinguished Visiting Professor of German and Women's Studies at Ohio State.

The University is honored to recognize Christa Wolf for her contributions to literature and her commitment to the critical examination of our world.

### Walter L. Hartman

#### Distinguished Service Award

During 35 years as assistant director and later director of the Physical Plant Department, Walter L. Hartman made sure that the University's power was generated efficiently and that its facilities kept pace with the newest technological developments.

Hartman joined the staff after returning from military service in World War II and immediately set out to modernize the McCracken Power Plant's electrical systems, which had become outdated during the Depression and the war years. He was instrumental in the purchase and installation of nearly all the major equipment still operating in the power plant.

When the power plant reached its capacity in 1959, he arranged for the University to connect with supplemental outside power sources. When the plant's coal-fired boilers raised environmental concerns in the 1960s, Hartman supervised their conversion to natural gas. He continued an active role in Ohio State's Energy Conservation and Management programs until his retirement in 1981. Until then—and subsequently, as a volunteer—he was instrumental in exploring the feasibility of a return to coal-fired generation of power at Ohio State in a manner that will be environmentally acceptable and economically advantageous.

Hartman holds a bachelor's degree in mechanical engineering from Ohio State. He has been active in professional circles and has received the Outstanding Service Award of the American Society of Mechanical Engineers in 1980.

Walter Hartman's service to the University has been vitally important to the campus. Ohio State shows its gratitude today by presenting him with a Distinguished Service Award.

## The Graduate School

Dean: Jules B. LaPidus

### Doctor of Musical Arts

**David Neil Stoffel**, Canton; B.M.E. (Heidelberg College); M.M. Music;  
Dr. Marion R. Alch

### Doctor of Philosophy

**Osama Ahmed Abdulshafi**, Columbus; B.S. (Cairo University); M.S.: Civil Engineering;  
Dr. Kamran Majidzadeh

**Charles Zaudu Aki**, Ofagbe, Bendel State, Nigeria; B.A., M.S. (Southern Illinois University); *Agricultural Economics and Rural Sociology*;  
Dr. Leroy J. Hushak

**Ibrahim Ahmad Alam**, Mecca, Saudi Arabia; B.A. (Ummul Oura University); M.A. (Indiana University); *Education*;  
Dr. I. Keith Tyler

**Kahtan Khalaf Ali**, Baghdad, Iraq; B.S., M.S. (Baghdad University); *Agronomy*;  
Dr. Paul R. Henderlong

**Adelaida Patano Alibusan**, Calamba, Laguna, Philippines; B.S. (University of the Philippines); M.S. (University of Delaware); *Agricultural Economics and Rural Sociology*;  
Dr. Warren F. Lee

**Exle B. Ashburn**, Sandusky; B.S., M.Ed. (Bowling Green State University); *Education*;  
Dr. C. Ray Williams

**Sikadri Nath Bagchi**, Narendrapur, West Bengal, India; B. Stat. Hons. (Indian Statistical Institute); *Mathematics*;  
Dr. Louis Sucheston

**Phyllis Cander Baker**, Marietta; B.A. (Marietta College); M. Ed. (Ohio University); *Education*;  
Dr. David L. Boggs

**Shirley Behnke**, Galloway; B.A., M.A., E.A.S.; *Education*;  
Dr. I. Keith Tyler

**Nancy Parks Bertrand**, Murfreesboro, Tenn.; B.S., M.S. (University of Tennessee); *Education*;  
Dr. Martha L. King

**William David Blackburn**, Worthington; B.S. (Urbana College); M.S.W.; *Psychology*;  
Dr. Henry R. Angelino

**John Thomas Boyce**, Finley, Wash.; D.V.M. (Washington State University); *Veterinary Pathobiology*;  
Dr. Gary J. Kociba

**Elbert Braddock**, Memphis, Tenn.; B.A., M.A.T. (University of South Vanderbilt); *Education*;  
Dr. I. Keith Tyler

**Leonard Richard Bradley**, Columbus; B.A. (Rutgers University); B.D. (Concordia Theological Seminary); Th.M. (Princeton Theological Seminary); *Education*;  
Dr. Robert F. Rodgers

**Steven James Breddler**, Encino, Calif.; B.A. (University of California at San Diego); M.A.; *Psychology*;  
Dr. Anthony G. Greenwald

**Jeffery C. Bricker**, Massillon; B.S. (Heidelberg College); *Chemistry*;  
Dr. Sheldon G. Shore

**James Mark Broge**, Cincinnati; B.A. (Wittenberg University); *Chemistry*;  
Dr. Daniel L. Leussing

**Catherine Long Brown**, Athens; B.S. Ed., M. Ed. (Ohio University); *Health, Physical Education, and Recreation*;  
Dr. Barbara A. Nelson

**Judith Ann Bunge**, Columbus; B.S. (University of Wisconsin at Madison); M.S. (Kansas State University); *Home Economics*;  
Dr. Ellen I. Hock

**Patricia K. Capozzoli**, Weirton, W.Va.; B.A. (University of Steubenville); M.A. (West Virginia University); M.S. (University of Dayton); *Education*;  
Dr. Thomas M. Stephens

**Madhav Yashwant Chavan**, Bombay, Maharashtra, India; B.S., M.S. (University of Bombay); *Chemistry*;  
Dr. Daryle H. Busch

**Jenshun Chen**, Taiwan, R.O.C.; B.S. (National Chiao-Tung University); M.S. (Southeastern Massachusetts University); *Electrical Engineering*;  
Dr. Aharon A. Ksienski

**Yue-Hong Chou**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); M.A.; *Geography*;  
Dr. Howard L. Gauthier

**Susan G. Cothill-Hall**, Colorado Springs, Colo.; B.S., M.A.; *Education*;  
Dr. Edward D. Allen

**Joseph Russell Corley**, Nashville, Tenn.; B.A. (David Lipscomb College); M.A.; *Communication*;  
Dr. James L. Golden

**Peggy Ward Corn**, Ashland, Ky.; B.A. (University of Kentucky); M.A.; *English*;  
Dr. Morris Beja

**Patricia S. Costello**, Erlanger, Ky.; B.A. (Thomas More College); M.S., M.S.; *Statistics*;  
Dr. Douglas A. Wolfe

**Caroline Ann Coston**, Rose Hill, NC.; B.S. (North Carolina A & T State University); M.S. (University of Wisconsin); *Education*;  
Dr. Thomas M. Stephens

**Colette Ruth Day Cozean**, Pasadena, Calif.; B.S. (University of Southern California); B.A. (Westmont College); M.S.; *Biomedical Engineering*;  
Dr. Said H. Koozekanani

**Youssef Michel Dakhoul**, Mansoura, Egypt; B.S., M.S. (Cairo University); *Civil Engineering*;  
Dr. Keith W. Bedford

**Carol Sue Dedrow**, Columbus; B.A., M.A. (University of Illinois); *Education*;  
Dr. Charles M. Galloway

**Gladys Antonia Dejesu**, Santo Domingo, Dominican Republic; Licenciatura (Universidad Nacional "Pedro Henriquez Urena"); M.A.; *Economics*;  
Dr. Edward J. Ray

**Delores Ann Diggs**, Bidwell; B.S., M.A.; *Education*;  
Dr. William W. Wayson

**Stewart Arthur Dippel**, Cleveland; A.B., M.A. (Miami University); *History*;  
Dr. Clayton Roberts

**Bruce Armand Donzanti**, Philadelphia, Pa.; B.S., M.S. (Philadelphia College of Pharmacy and Science); *Pharmacy*;  
Dr. Norman J. Uretsky

**James Edward Draheim**, Columbus; B.S. (University of Toledo); *Biophysics*;  
Dr. Joseph Y. Cassim

**Kathleen Marie Dwyer**, Monroeville, Pa.; B.A. (Ohio Dominican College); M.S.; *Education*;  
Dr. Kathryn T. Schoen

**Afate M. Khalil El-Khiamli**, Cairo, Egypt; B.A., M.A. (American University in Cairo); M.A. (University of Missouri at Columbia); *Sociology*;  
Dr. Saad Z. Nagi

**Mark Stuart Elliott**, Worthington; B.S.; *Physiological Chemistry*;  
Dr. Ronald W. Trewyn

**Jennifer Burkard Farkas**, Columbus; B.A. (University of Michigan); M.Ed. (Wayne State University); *Education*;  
Dr. M. Eugene Giliom

**Harry T. Finkelstein**, Chicago, Ill.; B.A. (Blackburn College); M.S. (University of Illinois); *Chemistry*;  
Dr. Gideon A. Fraenkel

**Stephen Matthew Flaherty**, Norwood, Mass.; B.A. (University of Massachusetts at Amherst); M.A.; *Education*;  
Dr. Donald R. Bateman

**Dafie'a Awad Gabir**, Abu-Zabad, Sudan; B.Sc. (University of Khartoum); M.B.A. (Columbia University); *Agricultural Economics and Rural Sociology*;  
Dr. David E. Hahn

**Toni M. Garrett**, Columbus; B.A. (Oakwood College); M.A.; *Psychology*;  
Dr. Henry Leland

**Gene W. Gloedner**, East Liverpool; B.S.; M.S. (Colorado State University); *Education*;  
Dr. E. Keith Blankenbaker

**John Joseph Gottko Jr.**, Columbus; B.A., M.B.A. (Michigan State University); *Business Administration*;  
Dr. Bernard J. Lalonde

**Sharon Schwartz Gutterman**, Columbus; B.S. (Virginia Commonwealth University); M.A.; *Education*;  
Dr. Donald P. Sanders



- Betsy Lee Hadden**, Louisville, B.A. (Hiram College); M.A. (Northwestern University); M.L.S. (Kent State University); *Education*; Dr. Gilbert A. Jarvis
- Allen Woodward Haley Jr.**, Newark, Delaware; B.S. (Iowa State University); M.S., *Computer and Information Science*; Dr. Stuart H. Zweben
- Joseph Heywood Harrison**, Mt. Vernon; B.S., M.S.; *Dairy Science*; Dr. Harry R. Conrad
- Kimi Susan Hatton**, Vienna, Va.; B.S. (George Mason University); *Biochemistry*; Dr. Garfield P. Royer
- Peter Kyle Hayes**, Washington, C.H.; B.S. (Trinity College); M.S.; *Electrical Engineering*; Dr. Leon Peters Jr.
- Donna Jean Hester**, Trenton; B.S., M.A.; *Health, Physical Education and Recreation*; Dr. Jacqueline Heikowitz
- William Dalton Hicks**, Lanham, Md.; B.A. (Lafayette College); M.A.; *Psychology*; Dr. Richard J. Kimoski
- Donald Gene Howard**, Tallmadge; B.S., M.B.A.; *Business Administration*; Dr. Lee C. Nehrt
- Shou-Shing Hsieh**, Keelung, Taiwan, R.O.C.; B.S.M.E., M.S.M.E. (National Taiwan University); M.S.; *Nuclear Engineering*; Dr. Richard N. Christensen
- Hsi-Pai Hsu**, Taipei, Taiwan, R.O.C.; B.S. (Taiwan University); *Chemistry*; Dr. Gideon A. Fraenkel
- Valerie M. Hudson**, Greenbelt, Md.; B.A. (Brigham Young University); M.A.; *Political Science*; Dr. Charles F. Hermann
- Wookung Huh**, Seoul, Korea; B.A., M.A. (Seoul National University); *Geography*; Dr. Howard L. Gauthier
- George S. Ibe-Bassey**, Ibadan, Cross River Nigeria; B. Sc. Hons. (University of Ife, Nigeria); M.A.; *Education*; Dr. Robert W. Wagner
- Mitchell Edward Imhoff**, Cincinnati; A.B. (Xavier University); M.A.; *Romance Languages and Literatures*; Dr. Charles G. S. Williams
- Maria Angeles Jiménez**, San Jose, Costa Rica; B.Ed., Licenciatura en Ed. (Universidad de Costa Rica); M.A.; *Education*; Dr. Lorren L. Stull
- Hojin Kang**, Kimchon, Korea; B.A. (Seoul National University); *Economics*; Dr. Edward J. Ray
- James Stewart Kelly**, Syracuse, NY; B.A. (State University of New York at Oswego); M.A.; *Philosophy*; Dr. William G. Lycon
- Jae Cheol Kim**, Kochang, Jeonbuk, Korea; B.S., M.S. (Jeonbuk National University); *Agronomy*; Dr. Leo E. Bendixen
- John Ernest Lashbrook**, Beavercreek; A.B. (Asbury College); M.S.L.S. (University of Kentucky); *Education*; Dr. John C. Belland
- Wendy Ann Lawrence**, La Luz, New Mexico; B.S., M.A.; *Anthropology*; Dr. Frank E. Poirer
- Seong Chul Lee**, Seoul, Korea; B.E. (Yonsei University); M.E. (West Virginia University); *Engineering Mechanics*; Dr. Sunder H. Advani
- Sherry Marlene Lewis**, Grand Chain Ill.; B.S., M.S. (Southern Illinois University); *Animal Science*; Dr. Burk A. Dehority
- Susan Cross Lipnickey**, Walpole, Mass.; B.S. (Slippery Rock State College); M.S. (Purdue University); *Health, Physical Education and Recreation*; Dr. Mary K. Beyrer
- Hugo Ferreira Lopez**, Saltillo, Coah. Mexico; B.S. (Technológico De Saltillo); M.S.; *Metallurgical Engineering*; Dr. Paul G. Shewmon
- Hosam Mahmoud Mahmoud**, Cairo, Egypt; B.S. (Cairo University); M.S.; *Computer and Information Science*; Dr. Bruce W. Weide
- Juliana Sierra Manuel**, Laguna, Philippines; B.S.A., M.S. (University of the Philippines at Los Banos); *Agronomy*; Dr. Leo E. Bendixen
- Judith Matthews**, Athens, B.S. (University of North Carolina at Greensboro); M.S. (University of Tennessee); *Home Economics*; Dr. Joan E. Gritzmacher
- Carol Landgraf McKay**, Columbus; B.S. (Florida Southern University); M.A. (University of Kentucky); *Education*; Dr. Edward D. Allen
- Eda DiFilippo Mikolaj**, Columbus; B.S.N. (St. John College); M.S. *Education*; Dr. David L. Boggs
- Timothy John Mulkey**, Springdale, Ark.; B.S., M.S. (University of Arkansas at Fayetteville); *Botany*; Dr. Michael L. Evans
- Nureldin Ahmed Musharaf**, Khartoum, Sudan; B.V.Sc., M.V.Sc. (University of Khartoum); *Poultry Science*; Dr. J. David Latshaw
- Albert Ray Neff**, Columbus; B.S., M.A.; *Education*; Dr. C. Ray Williams
- James Nolan Nesmith**, Dayton; B.A. (Birmingham Southern College); M.A., M.Div. (Vanderbilt University); S.T.M. (Yale University); *Education*; Dr. Robert J. Silverman
- Charles Joseph Newman**, Columbus; B.S. (Morehead State University); M.Ed. (Miami University); *Education*; Dr. Joseph W. Licata
- David Allen Nichols**, Bryan; B.S. (Huntington College); M.A.; *Education*; Dr. Luven L. Cunningham
- Katherine Ellen Norgaard**, Columbus; B.A. (University of Minnesota); M.S. (Indiana State University); *Education*; Dr. Anthony C. Riccio
- El-Dirdiri Mohamed Osman**, Dongola, Sudan; B.S. (University of Khartoum at Sudan); M.S.; *Horticulture*; Dr. Wilbur A. Gould
- Donald Gene Pace**, Pima, Arizona; B.A., M.A. (Brigham Young University); *History*; Dr. Mansel G. Blackford
- T. A. Parthasarathy**, Madras, Tamilnadu, India; B.Tech. (Indian Institute of Technology); M.S.; *Metallurgical Engineering*; Dr. Paul G. Shewmon
- Kirkwood A. Pritchard Jr.**, Pauiding, B.A. (Capital University); M.S. (Youngstown State University); *Physiological Chemistry*; Dr. Rao V. Panganamala
- Timothy A. Rademaker**, Strongsville, B.S., M.A. (Southeast Missouri State University); *Health, Physical Education and Recreation*; Dr. Barbara A. Nelson
- Ajay Kumar Rathl**, Raipur, M.P., India; B.Eng (Government College of Engineering and Technology, Raipur, India); M.S.; *Civil Engineering*; Dr. Zoltan A. Nemeth
- Katherine Kennedy Reist**, New Concord; B.A. (Muskingum College); M.A.; *History*; Dr. Samuel C. Chu
- Thomas Michael Rhodes**, Rio Grande; B.S. (Rio Grande College); M.S. (University of Notre Dame); *Education*; Dr. F. Joe Crosswhite
- Edward Roscoe Richter**, Columbus; B.S., M.S.; *Microbiology*; Dr. George J. Barwart
- Richard Agustin Roberts**, Columbus; B.S. (Emory University); *Chemistry*; Dr. Leo A. Paquette
- Paul Robert Schroeder**, Columbia, Ill.; B.S. (University of Illinois); M.S. (Vanderbilt University); *Civil Engineering*; Dr. Alan J. Rubin
- Wanis Ali Shaari**, Benghazi, Libya; B.S. (University of Tripoli); M.S.; *Electrical Engineering*; Dr. Curt A. Lewis
- William Allen Shaffer**, Ijamsville, Md.; B.A. (The Catholic University of America); M.S.; *Physics*; Dr. John H. Shaw
- Theresa Anne Shepard**, Welwyn, United Kingdom; B.S.; *Pharmacy*; Dr. Reuning
- Richard Lawrence Shook**, Youngstown; B.E. (Youngstown State University); M.S.; *Metallurgical Engineering*; Dr. John P. Hirth
- Sanford Jay Siegel**, Powell, B.A. (Miami University); M.A.; *Anthropology*; Dr. Daniel T. Hughes

**William Frederick Smith**, Columbus; B.A. (University of Wyoming); M.A.; *Theatre*; Dr. Alan L. Woods

**Jeffrey Wayne Smoot**, Big Bear, Calif.; B.A., B.S. (University of California); *Biochemistry*; Dr. George S. Serif

**Jae Chul Song**, Seoul, Korea; B.S., M.S. (Korea University); M.S. (Wright State University); *Food Science and Nutrition*; Dr. Poul M. T. Hansen

**Corazon A. Steginsky**, Quezon City, Philippines; B.S. (University of the Philippines); *Chemistry*; Dr. Perry A. Frey

**Jerald Paul Steiner**, New Palitz, N.Y.; B.S. (Lebanon Valley College); *Chemistry*; Dr. Leon M. Dorfman

**Cynthia Annette Stevens**, Sylvania; B.A., M.A.; *Psychology*; Dr. Thomas W. Milburn

**James Stewart**, Athens; B.S. (University of Utah); M.M. (Indiana University); *Music*; Dr. Burdette L. Green

**DeVon Renard Stokes**, San Diego, Calif.; B.A. (Oakwood College); M.A. *Psychology*; Dr. W. Bruce Walsh

**Richard Irving Tinning**, Melbourne, Victoria, Australia; B.Ed., M.Ed. (University of Melbourne); B.Ed. (LaTrobe University); *Health, Physical Education and Recreation*; Dr. Daryl L. Siedentop

**Darrell Lee Tuomari**, Redford, Mich.; B.S. (University of Michigan); D.V.M. (Michigan State University); *Veterinary Pathobiology*; Dr. Richard G. Olsen

**Paktra Veruttipong**, Bangkok, Thailand; B.S. (Chulalongkorn University); M.S.; *Pharmacy*; Dr. Carter L. Olson

**Stephen J. Vesper**, Kettering; B.S. (Xavier University); M.S.; *Environmental Biology*; Dr. Chester I. Randles

**James Edward Watson**, Worthington; B.A. (Asbury College); M.Div. (Columbia Seminary); M.C.S. (Regent College); M.Ed. (Florida Atlantic University); *Education*; Dr. George P. Ecker

**John F. Welch**, Columbus; B.S., M.S. (Purdue University); *Mechanical Engineering*; Dr. Dennis A. Guenther

**Lynette Hagen Willett**, Fostoria; B.S., M.A. (Bowling Green State University); *Education*; Dr. Joseph W. Licata

**Esther Jane Williams**, Columbus; B.S., M.A.; *Education*; Dr. John J. Kennedy

**Yuan-Fu Yu**, Columbus; B.S. (Tamkang College); M.S. (University of Missouri); *Chemistry*; Dr. Andrew A. Wojcicki

**Tong-Kyung Kwak Yum**, Seoul, Korea; B.S., M.S. (Yonsei University); *Home Economics*; Dr. Marion L. Cremer

## Master of Accounting

**Gary Matthew Solomon**, Painesville; B.S. (Bowling Green State University); M.B.A.; *Accounting*

## Master of Applied Statistics

**Chikahiro Kato**, Higashi-Ikebukuro, Tokyo, Japan; B.S., M.S. (Keio University); *Statistics*

## Master of Architecture

**Hossein Afshari**, Kashan, Isfahan, Iran; B.S. (Lawrence Institute of Technology); *Architecture*

**Roberta Marian Pedersen**, Milwaukee, Wisc.; B.A. (University of Minnesota); *Architecture*

**Sittisakdi Pouin**, Bangkok, Thailand; B.Arch. (Chulalongkorn University); *Architecture*

**Daniel Jensen Prosser**, Whittier, Calif.; B.A. (University of Redlands); M.A.; Ph.D. (Northwestern University); *Architecture*

**Shohei Sasaki**, Hokkaido, Japan; B.Eng.Arch. (Musashi Institute of Technology); *Architecture*

## Master of Arts

**Mary Lou Albrecht**, Columbus; B.A.; *Photography and Cinema*

**Jaewook An**, Seoul, Korea; B.A. (Kyunghee University in Seoul); *Economics*

**Osenat Diuymisi Andu**, Oyo State, Nigeria; B.S. (Michigan State University); *Public Administration*

**Rhonda Tucker Aronson**, Columbus; B.F.A. (Boston University); *Journalism*

**Kathy Marie Bandow**, Dublin; B.S. (University of Wisconsin at Stevens Point); *Education*

**Carole Hess Barkley**, Dublin; B.S.; *Health, Physical Education and Recreation*

**Deanne Mary Beckler**, Wappingers Fls., N.Y.; B.A. (State University of New York at Plattsburgh); *Communication*

**Janet Lynn Bennett**, Worthington; A.B. (University of Michigan); B.S. (University of North Dakota); *Education*

**Roman Douglas Berger**, Sacramento, Calif.; B.S. (California State University at Sacramento); *Journalism*

**Annette Sue Bissantz**, Columbus; B.A. (Barnard College); *Linguistics*

**Brent Lewis Bowers**, Lancaster; B.S. (Ohio University); *Health, Physical Education and Recreation*

**Mariljee Breuning**, Son, The Netherlands; B.A.; *Journalism*

**Abu Bakarr Bundu**, Freetown, Sierra Leone; B.Acc. (Avila College); *Public Administration*

**Andrew Michael Calabrese**, Trenton, N.J.; B.A. (Denison University); *Communication*

**Scott David Cameron**, Gallipolis; B.S.; *Education*  
**Kathleen Ann Campbell**, Columbus; B.S.; *Education*

**Aleta Fitzgerald Cantrell**, Columbus; B.S. (Pennsylvania State University); M.A. (Atlanta University); *Education*

**Kimberly Ann Carls**, Galion; B.S.; *Psychology*  
**Mel-Lin Chang**, Columbus; B.L. (National Chengchi University); *Economics*

**Judith Ann Chosy**, Worthington; B.S. (University of Omaha); *Education*

**Irving Christenson**, Reynoldsburg; B.A. (Capital University); *Education*

**Shung Jen Chu**, Taiwan, R.O.C.; B.A. (Chinese Culture University); *Education*

**Janis Elsie Clayton**, Newark; B.S.; *Education*

**Deborah Lynn Coleman**, Columbus; B.A. (Otterbein College); *Education*

**Cathryn Devan Conroy**, Columbus; B.A. (The Cleveland State University); *Communication*

**Luciano Conte**, Brookpark; B.A.; *Romance Languages and Literatures*

**Laura Theil Dahlem**, Dayton; B.A.; *Communication*

**Michael Kevin Davis**, Columbus; B.A., B.S.; *Health, Physical Education and Recreation*

**Christina Uribe De-Nivia**, Bogota, Columbia; B.A. (Universidad Javeriana); *Industrial Design*

**Wayne Richard DeWitt**, Moscow, Idaho; B.S. (University of Idaho); *Philosophy*

**Rtcd L. Dill**, Greenville; B.M.E. (Moorehead State University); *Education*

**Freddy Radhames Dominguez-Castro**, Santo Domingo, Dominican Republic; Licenciante (Autonomous University of Santo Domingo); *Economics*

**Jennifer Isabelle Douge**, Columbus; Diploma (Burwood State College); *Education*

**Nand Ellen Drum**, Columbus; B.S.; *Education*

**Alfred Jay Drumm**, Columbus; A.B. (Ohio University); *Education*

**Paulinus Anadobe Emesue**, Abagana, Anambra State, Nigeria; B.S. (University of Nigeria at Nsukka); *Education*

**Olivia Flakes**, Nashville, Tenn.; B.S. (Tennessee State University); *Sociology*

**Mary Beth Flanagan**, Columbus; B.A. (Otterbein College); *Health, Physical Education and Recreation*

**Karen Jean Gaunt**, Mansfield; B.S. (Bowling Green State University); *Health, Physical Education and Recreation*

- Joseph Amiel Giampapa**, Columbus, B.S., J.D.; *Public Administration*
- Bonnie Gayle Gregg**, Columbus, B.A.; *Communication*
- Ewa Janina Griffin**, Columbus, Magister (University of Poznan Poland); *Slavic and East European Languages and Literatures*
- Joan Elizabeth Grundey**, Worthington, B.S.; *Education*
- Liping Gu**, Peking, P.R.C.; B.A. (Peking University); M.A. (Academy of Sciences of China); *East Asian Languages and Literatures*
- Pradeep Gupta**, Normal, Illinois; B.Commerce (University of Calcutta, India); Diploma (Sydenham College, Bombay, India); M.A. (University of Bombay, India); *Economics*
- Frances Myron Hale**, Columbus, B.A. (Miami University); *Communication*
- Deborah Denise Hardy**, Columbus, B.A. (Adelphi University); *Black Studies*
- Joseph Edward Havranek**, Columbus, B.S. *Public Administration*
- Rozanne Miller Hickman**, Grove City, B.S.N. (Capital University); *Education*
- Cheryl Ann Hoagland**, Worthington, B.S.; *Education*
- Sally Georgetown Hoyle**, Columbus, B.A. (Brandeis University); *Psychology*
- Perl Iz**, Columbus, B.S., M.A. (Hacettepe University); *Business Administration*
- Regan James**, Columbus, B.A. (Case Western Reserve University); *Communication*
- Steven Gary Jewell**, Galloway, B.S.; *Public Administration*
- Stacey Jurhee**, Dallas, Texas, A.S. (El Centro College); B.S. (Eastern New Mexico University); *Black Studies*
- Lin-Jin Shen Kao**, Taipei, Taiwan, R.O.C.; B.Ed. (National Kaohsiung Teachers' College); *Education*
- Miyoko Kato**, Bunkyo-ku, Tokyo, Japan; B.A. (Mansfield State College); *East Asian Languages and Literatures*
- Kathy A. Kerr**, Columbus, B.S.; *Education*
- Paula Nan Kessler**, Binghamton, N.Y.; B.A.; *Education*
- Jennifer Lynn Evans Kinsley**, Baltimore, B.Ed. (Bowling Green State University); *Art Education*
- Bryan Keith Krieder**, Marysville, B.A.; *English*
- Wai Fong Lam**, Hong Kong; B.S. (Chinese University of Hong Kong); *Journalism*
- Bradley Norman Lander**, Warren, B.A. (Purdue University); *Psychology*
- Elaine Beth Lawless**, West Jefferson, B.S.; *Education*
- Hwan Ho Lee**, Seoul, Republic of Korea; B.A. (Seoul National University in Korea); *Economics*
- William Wylie Leibensperger**, Columbus, B.S. (Miami University); *Education*
- Barbara Ann Levalk**, Columbus, B.S. (Bowling Green State University); *Education*
- Denver Carl Lightner**, Columbus, A.B. (Ohio University); M.Ed. (Temple University); *Health, Physical Education and Recreation*
- Rhonda J. Ulley**, Columbus, B.S. (Southwest Missouri State University); *Psychology*
- Kathleen Ann Lipsi**, Danbury, Conn.; B.S. (Elmira College); *Communication*
- Rebecca Bryant Lockridge**, Columbus, A.B. (Indiana University); *Photography and Cinema*
- Judith Lombardo**, Columbus, B.A.; *Communications*
- Sharon Ruth Low**, Newark, B.S. (Kent State University); *Education*
- Wing Wah Lowe**, Hong Kong; B.Math. (University of Newcastle); M.S. (University of Washington); *Photography and Cinema*
- Susan M. Lucarelli-Caudill**, Chapel Hill, N.C.; B.A.; *Journalism*
- James David Luedeke**, New Bremen, B.A. (Asbury College); Cert. M.D. (Medical College of Ohio); *Education*
- Flora Jean Malloch**, Thornhill, Ontario Canada; Cert. (Toronto Teacher's College); Ministry of Educ. (Prim. Methods 1&2); Ass. Piano Teacher's Dip. (Royal Conservatory of Toronto); *Education*
- Gregory Lee Mathews**, Columbus, B.S.; *Psychology*
- Larry Moore**, Chillicothe, B.A. (Fairmont State College); *Education*
- Peter Joseph Morelli II**, Columbus, B.A. (University of Notre Dame); M.B.A. (University of Virginia); *Business Administration*
- Christina A. Morgan**, Newark, A.B. (Indiana University at Bloomington); *Education*
- Chappell Fred Nelson**, Clinton, Maine, B.A. (Colby College); *Health, Physical Education and Recreation*
- Gary Lee Nelson**, Columbus, B.S.; *Education*
- Mollie Neff Orth**, Worthington, B.S.; *Education*
- April Konneker Penderly**, Columbus, B.S.; *Education*
- Christine Ann Petrella**, Navarre, B.A.; *Communication*
- John Mahlon Pettibone**, Columbus, A.B., A.M. (University of Michigan); M.S.; *Photography and Cinema*
- Carlos Ivan Pierott**, Houston, Texas, B.A. (Prairie View A&M University); *Political Science*
- Susanne B. Pongratz**, West Germany; Zwischenprüfung (Albert-Ludwig's University Freiburg); *English*
- Sarah E. Rassenfoss**, Park Ridge, Ill.; B.A. (Purdue University); *Psychology*
- Edward Robert Ratterman**, Cincinnati; B.A. (University of Cincinnati); *Public Administration*
- Karl Fredric Rinehart**, Columbus, B.S. (University of New Mexico); *Health, Physical Education and Recreation*
- Floa Schnell Ripley**, Columbus, B.S.; *Education*
- Kay Louise Roach**, Zanesville, B.A. (Ohio University); *Education*
- LaVerne Robinson**, Fort Valley, Ga.; B.A. (Morris Brown College); *Psychology*
- Linda Kay Rowley**, Utica, B.S.; *Education*
- Cynthia Lynne Sampson**, Upper Arlington, B.S.; *Communication*
- Juan C. Sandi-Aramayo**, Belo Horizonte, Brazil; Educational Media Specialist (Pontificia Universidad Catolica del Peru); *Photography and Cinema*
- Jean Cunningham Sanner**, Grove City, B.S. (North Texas University); *Education*
- Evangeline Setzer**, Reynoldsburg, B.A. (Wittenberg University); *Education*
- Sharon Shavitt**, Columbus, B.A.; *Psychology*
- Mary Stamper Sheward**, Columbus, B.S.; *Education*
- Robert Kenneth Shields**, Canal Fulton, B.A. (Mount Union College); *Slavic and East European Languages and Literatures*
- Kathie C. Shockey**, Columbus, B.S.; *Psychology*
- Michelle Rose Sirene**, Sandusky, B.F.A.; *Art Education*
- Salaijit Sirphan**, Bangkok, Thailand, B.A. (Chulalongkorn University); *Education*
- Yau Chit Sui**, Hong Kong; B.Mus. (The University of Michigan); *Music*
- Timothy Wayne Skamler**, Gahanna, B.A. (Capital University); *Education*
- Dee Ann Smith**, Dayton, B.S. (Bowling Green State University); *Communication*
- Janet Claxton Smith**, Columbus, A.B. (Duke University); *Political Science*
- Victoria E. Snell**, Columbus, B.A. (Kenyon College); *Romance Languages and Literatures*
- Lawrence Edmund Sommers**, Northbrook, Ill., B.A. (Purdue University); *History*
- Bruce William Stassforth**, Gahana, B.A.; *Education*
- Lorna Schwab Strayer**, Sandusky, B.A.; *Communication*
- Dee Sun**, Shanghai, P.R.C.; M.A. (Shanghai Institute of Finance and Economics); *Economics*
- Ah-Thau Tan**, Kuala Lumpur, Malaysia; B. Letter (National University Malaysia); *Education*
- Sharon Marie Traul**, Bellefontaine, B.S. (Bowling Green State University); *Education*
- Pamela Jo Trueblood**, Delaware, B.S.; *Education*
- Brent Walker**, Westerville, B.A. (Otterbein College); *Education*
- Ronald Darryl Wallace**, Arlington, Va.; B.S. (Virginia State University); *Health, Physical Education and Recreation*

**Michael C. Wallschlaeger**, Worthington; B.S. (University of Colorado); *Communication*

**Linda M. Walters-Page**, Columbus; B.A. (Rollins College); *Communication*

**W/n-Ling Wang**, Taipei, Taiwan, R.O.C.; B.A. (Soochow University); *Education*

**David William Warner**, Columbus; B.A. (Capital University); *Education*

**Randi Sue Welsberger**, Gardiner, Maine; B.A. (University of Maine); *Education*

**Richard Arthur White**, Washington C.H.; B.A. (California State University at Hayward); *Sociology*

**Eugene Philip Whetzel**, Columbus; B.A. (Pennsylvania State University); *J.D.; History*

**Alma Jean Whiteside**, Columbus; B.A.; *History*

**Patricia Louisa Willis**, Xenia; B.S. (Urbana College); *Education*

**Debra Lynn Wolkoff**, Beachwood, B.A. (Case Western Reserve University); *Communication*

**Sally Kay Woodie**, Canton; B.S. (Ashland College); *Communication*

**Susan M. Worley**, Columbus; B.A. (University of Missouri); *Psychology*

**Charles Ross Zalic**, Columbus; B.S.; *Public Administration*

**John P. Ziemak**, Maple Heights; B.A. (Kent State University); *Psychology*

**Shelia George Zinn**, Grove City; B.S. (Ohio University); *Education*

#### **Master of Business Administration**

**Cheryl Lee Baker**, Columbus; A.B. (Ohio University); *Business Administration*

**Marydee W. Chalfant**, Columbus; B.A. (Sweet Briar College); *Business Administration*

**Joseph Patrick Cowin**, Waterloo, Iowa; B.B.A. (University of Notre Dame); J.D. (Capital University); *Business Administration*

**Laura C. Cwengros**, Clinton, Ind.; B.A. (DePauw University); *Business Administration*

**Frederick Dawson**, South Shields, Tyne & Wear, England; B.S. (Leicester University); *Business Administration*

**Karen Patricia DuBols**, Columbus; B.S. (Bowling Green State University); *Business Administration*

**Robert Joseph Feeley**, Lorain; B.S.; *Business Administration*

**Thomas Kehoe Flaherty**, Newark; B.A., M.A. (University of Dayton); *Business Administration*

**Toni Bibb Fordino**, Middletown, Pa.; B.A. (Shippensburg State College); *Business Administration*

**Vinaya Gogate**, Sangli, India; B.S. (Shivaji University of India); M.S.E. (University of Akron); *Business Administration*

**Paul Brian Holmes**, Worthington; B.S.; *Business Administration*

**Julie Ann Hunsicker**, Akron; B.A.; *Business Administration*

**William Edward Jacobs**, Powell; B.B.A. (Ohio University); *Business Administration*

**John Janowicki**, Toledo; B.S.; *Business Administration*

**Ellen Nee Lim**, Westerville; B.S.; *Business Administration*

**Chung P. Park**, Pickerington; B.S. (Seoul National University); M.S., Ph.D. (University of Utah); *Business Administration*

**Timothy Alan Pirtle**, Worthington; B.A.; *Business Administration*

**Denise Saunders Putzke**, Scottown; B.S. (Virginia Polytechnic Institute); *Business Administration*

**Richard Allan Rand**, Massillon; B.S. (University of Cincinnati); *Business Administration*

**Robert William Rush**, Columbus; B.S.; *Business Administration*

**James William Schweitzer**, Canton; B.S.; *Business Administration*

**Ashraf Emam Self El Din**, Agoza, Giza, Egypt; B.S. (Cairo University at Egypt); *Business Administration*

**Deborah E. Shapiro**, New York City, N.Y.; B.A. (Columbia University); *Business Administration*

**Ann Bettina Shirk**, Denver, Pa.; B.S. (Pennsylvania State University); *Business Administration*

**Calvin Jay Erdman Smith**, Bexley; B.S.; *Business Administration*

**Martin Francis Solter**, Marysville; B.S.; *Business Administration*

**Joy Halley Tucker**, Columbus; B.S.; *Business Administration*

**Connie Sue Ucker**, Newark; B.S. (Ohio University); *Business Administration*

#### **Master of City and Regional Planning**

**Mitchell Alan Cutler**, Dayton; B.A. (University of Dayton); *City and Regional Planning*

**David Anthony Julian**, Franklin; B.A. (Miami University); *City and Regional Planning*

**Robert Delmar Klousner Jr.**, Redding, Calif.; B.A. (California State University at Chico); *City and Regional Planning*

**Diana Wilhelm Pollock**, Columbus; A.B. (Ohio University); *City and Regional Planning*

**Jackson B. Reynolds III**, Lebanon; B.A. (Miami University); *City and Regional Planning*

**Stephen Jay Seaburn**, Circleville; B.E.D. (Miami University); M.S. (University of Cincinnati); *City and Regional Planning*

**Gary Dean Tallman**, Wichita, Ks. B.A., M.A. (Wichita State University); *City and Regional Planning*

#### **Master of Fine Arts**

**Carla Peterson**, Columbus; B.S. (University of Illinois); *Art*

#### **Master of Health Administration**

**Barbara Yeager Hyre**, Columbus; B.S. (Ohio University); Med.Tech. (Mt. Carmel Medical Center); M.A.; *Hospital and Health Services Administration*

**Albert McCulloch Tleche Jr.**, Beckley, W.Va.; B.S. (West Virginia University); *Hospital and Health Services Administration*

#### **Master of Labor and Human Resources**

**Juana de America Cantalete**, Cabimas, Zulia, Venezuela; Nurse Tech. (Escuela de Enfermeras); R.Tech. (University Institute of Technology); *Management and Human Resources*

**Sally Anne Eblin**, Cleveland; B.S.S.W.; *Management and Human Resources*

**Jerry Nestor Hall**, Zanesville; B.S.; *Management and Human Resources*

**Marilyn Marnie Hindley**, Charleston, W.Va.; B.A. (Marshall University); M.A. (West Virginia College of Graduate Studies); *Management and Human Resources*

**Peter Vernon LeBlanc**, Columbus; B.A. (Miami University); *Management and Human Resources*

**Andrew T. McCoy**, Elmira, N.Y.; B.A. (Colgate University); *Management and Human Resources*

**Edward L. Ostrowski Jr.**, Campbell; B.S.; *Management and Human Resources*

**Ruth A. Rehak**, Springfield B.A. (Cleveland State University); *Management and Human Resources*

**Charles Fredrick Shide**, Larimore, N. Dakota; B.S.S.W. (University of North Dakota); *Management and Human Resources*

**Harvey Byron Waugaman**, Greensburg, Pa.; B.S. (California State College); *Management and Human Resources*

**David Wietecha**, Grand Blanc, Mi.; B.A. (Michigan State University); *Management and Human Resources*

#### **Master of Landscape Architecture**

**Virginia Lockett Russell**, Harrodsburg, Ky.; B.S.L.A. (University of Kentucky); *Landscape Architecture*

## Master of Music

**Choonhee Lee**, Korea; B.M. (Busan National University); *Music*

## Master of Public Administration

**Robyn Kay Baird**, Columbus; B.S.; *Public Administration*

**Dennis Patrick McNamee**, Columbus; B.A.; *Public Administration*

**Mellen W. Yang-Mei**, Taiwan, R.O.C.; B.A. (The National Taiwan University); *Public Administration*

## Master of Science

**Tamara Abernethy**, North Canton; B.S.; *Plant Pathology*

**Raafat Sleman Aboulhosen**, Btekhayn, Falougha, Lebanon; B.S. (Ohio University); *Civil Engineering*

**Hamid Ali Almasoud**, Riyadh, Saudi Arabia; B.S. (Riyadh University); *Electrical Engineering*

**Hebatalla M. Amin**, Cairo, Egypt; B.S. (University of Cairo); *Pharmacy*

**Peggy Sue Anderson**, Washington C.H.; B.F.A. (Ohio University); *Animal Science*

**Makoto Arai**, Tokyo, Japan; B.S., M.S. (Keio University); *Electrical Engineering*

**Anas Hamid Awad-Elkarim**, Khartoum, Sudan; B.V.Sc. (University of Khartoum); *Biochemistry*

**Steven Michael Babineaux**, Columbus; B.S.; *Pharmacy*

**Michelle Kay Baker**, Columbus; B.A. (Otterbein College); *Preventive Medicine*

**Shankar Bantwal Baliga**, New Delhi, India; M.S. M.Tech. (Indian Institute of Technology); *Physics*

**Gregory Francis Barile**, Lincoln, Christchurch, New Zealand; B.Eng. (Canterbury University); *Agricultural Engineering*

**William Edmund Beckley**, Mount Vernon; B.S.; *Agricultural Education*

**Theodore Owen Berner**, Traer, Iowa; B.A. (University of Northern Iowa); *Zoology*

**Chalongchai Boonrod**, Bangkok, Thailand; B.Eng. (Chulalongkorn University); *Electrical Engineering*

**James Brian Brechbuhler**, Canton; B.S.; *Agricultural Economics and Rural Sociology*

**Robert R. Britton**, St. Clairsville; B.A. (University of South Florida); B.S.; *Mining Engineering*

**Robert Charles Burch Jr.**, Columbus; B.S. (Ferris State College); *Geodetic Science and Surveying*

**Mark Joseph Butler IV**, Columbus; B.A. (Wittenberg University); *Zoology*

**Janice Lee Campbell**, Sacramento, Calif.; B.S.N. (Sacramento State College); *Nursing*

**Kristine Koetting Campbell**, Reynoldsburg; B.S.N. (Viterbo College); *Nursing*

**William Joseph Carpenter**, Youngstown; B.S. (Youngstown State University); *Computer and Information Science*

**Deborah Sue Cassidy**, Carrollton; B.S. (Ashland College); *Home Economics*

**Celso De Filho Castro**, Londrina, Parana, Brazil; B.S. (Luiz De Queiroz); *Agronomy*

**Shang Hewi Chang**, Pingtung, Taiwan, R.O.C.; B.S.; *Horticulture*

**Sao-Chyi Chen**, Taipei, Taiwan, R.O.C.; B.S.M.E. (National Taiwan University); *Mechanical Engineering*

**Jayachandran Chandrasekhar Chennat**, Tripunithura, Kerala, India; B.Eng. (University of Baroda India); *Welding Engineering*

**Yunchan Chi**, Tainan, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); *Statistics*

**Alexander Clark Childs**, Vineland, N.J.; B.S. (Stockton State College); *Physics*

**Julio Ernesto Concepcion**, Santo Domingo, Dominican Republic; B.S. (Liceo "Don Pepe Alvarez" Dominican Republic); D.V.M. (Universidad Autonoma De Santo Domingo); *Veterinary Pathobiology*

**Susan Louise Connerton**, Westerville; B.S. (Miami University); *Horticulture*

**Denise Amelia Contos**, Chicago, Ill.; B.S. (University of Illinois at Champaign); *Pharmacology*

**Roger Lee Costello**, Davenport, Iowa; B.A. (St. Ambrose College); *Computer and Information Science*

**Mary Ann Cox**, Dayton; B.S. (Wright State University); *Nursing*

**John William Cunningham**, Upper Arlington; B.A., M.D.; *Preventive Medicine*

**William E. Daehler Jr.**, Portsmouth; B.S.; *Natural Resources*

**Susan Gay Dean**, Wilmington; B.S. (Wilmington College); *Dairy Science*

**Gary Allen Deatsman**, Belleville; B.S. (University of Nebraska); M.A., Ed.D. (Arizona State University); *Computer and Information Science*

**Annerys Ortiz de Dominguez**, Columbus; Licenciata (Universidad Autonoma de Sto Dgo); *Agricultural Economics and Rural Sociology*

**Susan L. Ditson**, Columbus; B.S. (Wilkes College); *Chemistry*

**Dorothea Rae Dreyer**, Deer Park; B.S.N. (Edgecliff College); *Nursing*

**James Arthur Dunkerley**, Cincinnati; B.S. (Miami University); *Plant Pathology*

**Herbert Ehler**, Passau, Bavaria, West Germany; Vordiplom (Technische Universitaet Muenchen); *Computer and Information Science*

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**Evan Michael Farris**, Durham, N.C.; B.S.E. (Duke University); *Mechanical Engineering*

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**Barbara Ott Glover**, Pickerington; B.S.; *Computer and Information Science*

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- Jose Patricio Palacios**, Quito, Pichincha, Ecuador, B.S. (Esc. Politecnica Nacional); *Electrical Engineering*
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- Cynthia Marie Randall**, Pensacola, Fla.; B.S. (Southern University); *Mechanical Engineering*
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- Dennis Joseph Riethman**, Coldwater, B.S.; *Agricultural Education*
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- Steven Anthony Sommers**, Dayton, B.C.E. (University of Dayton); *Civil Engineering*
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- Ann Shaudys Spotts**, Columbus, B.S. (Miami University); *Home Economics*
- Ronald James Stapleton**, Westerville, B.S.; *Chemical Engineering*
- Richard Byron Stewart**, Vandalia, B.S.; *Aeronautical and Astronautical Engineering*
- Judith Ann Stockdale**, Wooster, B.S.; *Agricultural Economics and Rural Sociology*
- Kenneth John Stovick**, Thomville, B.S. (John Carroll University); ; D.D.S.; *Dentistry*
- Walter Ann Stringfellow**, West Memphis, Ark.; B.S. (University of Arkansas at Pine Bluff); *Agricultural Education*
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- Andi Sugandi**, Jakarta, Selatan, Indonesia; B.S. (University of Sussex); *Electrical Engineering*

**Chih-Chung Sun**, Taipei, Taiwan, R.O.C.; B.S.  
(National Chao-Tung University); *Electrical Engineering*

**Treva Jane Swalm**, Asheboro, N.C.; B.S.N.  
(Edgecliff-Xavier University); *Nursing*

**Anne M. Swartzlander**, Gibsonburg, B.S. (Iowa State University); *Home Economics*

**Debra L. Tartell**, Reynoldsburg, B.S.; *Home Economics*

**William Donald Taylor**, Huntington, N.Y.; B.S.  
(Rochester Institute of Technology); *Chemistry*

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(Institut Teknologi Bandung); *Civil Engineering*

**Janet Leigh Thompson**, Columbus, B.S. (Delaware Valley College); *Horticulture*

**Gregory Charles Topp**, New Bremen, B.S.;  
*Agricultural Engineering*

**Yi-Ping Tseng**, Taichung, Taiwan, R.O.C.; B.A.  
(National Taiwan University); *Engineering Mechanics*

**David James Vicarel**, Cuyahoga Falls, B.A. (Miami University); *Geology and Mineralogy*

**Theresa Olivia Wells**, Smithfield, Va.; B.S.  
(Hampton Institute); *Home Economics*

**James Joseph Werner**, Kettering, B.S.; *Entomology*

**William Warren White**, Columbus, B.A. (University of Louisville); *Mathematics*

**Lucy Willis**, Springfield, B.S.N. (Wright State University); *Nursing*

**Stephen Ray Workman**, Lynchburg, B.S.;  
*Agricultural Engineering*

**Cheng-Pang James Wu**, Taipei, Taiwan, R.O.C.;  
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**Beth Florence Wigen**, Columbus, B.A.; *Computer and Information Science*

**James Bradley Young**, Canal Fulton, B.S.; *Chemical Engineering*

**Kwok Hing Yuen**, Hong Kong, B.S. (California State University at Hayward); M.A. (University of Texas at Arlington); *Welding Engineering*

**Janise Ann Zygmunt**, New Hartford, Conn.; B.S.  
(University of Connecticut); *Agricultural Economics and Rural Sociology*

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**Margaret Haskell Thurston**, Machias, Maine, B.A.  
(University of Maine at Orono); M.A.; *Slavic and East European Languages and Literatures*

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**Elizabeth Marie Jones**, Cincinnati, B.A.; *Social Work*

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James T. Carey, Westfield Center  
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Eric McDowell Smith, Springfield  
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Maureen Elizabeth Tayse, New Carlisle  
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### Bachelor of Science

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Lori Ann DeSantis, Massillon  
Gregory R. Felix, Cincinnati  
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Eliza Ellis Graham, Norwalk  
Sheila Marie Grant, Lima  
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Mitchell Lee Arnold, Rockford  
William Delaney Baker, Columbus  
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Shellie Lynn Buckholz, Bay Village  
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Kristina Marie Busch, Upper Arlington  
Mary Margaret Calvert, Columbus  
Michael D. Cashion, Cincinnati  
Bryan Keith Clark, Johnstown  
Julie Anne Clark, Centerville  
Timothy West Coan, Grove City  
Craig Lee Conard, Coshocton  
Maria Annette Cook, Garden City, Mi.  
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John Michael Dixon, Columbus  
John Michael Domiano, Pepper Pike  
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Howard E. Elmer, Wilkoughby  
James Paul Epure, Cincinnati  
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Michelle Linda Yanof, Toledo  
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### Bachelor of Science

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Michael Robert Blumenthal, Beachwood  
Carolyn Braun, Fairborn  
Evan Mark Bulter, University Heights  
Gordon T. Canning III, Richmond Heights  
Ronald Barry Cohen, Beachwood  
Jannat Fay Curtis, Columbus  
Vanessa Green, Columbus  
Joan M. Jemigan, Marion  
Glen Kirt Johnson, Cleveland  
Azar Khounani, Tehran, Iran  
Keith Allen Layton, Whitehall  
Jacqueline Ann Rehm, Bucyrus  
Reve Marie Smith, Portsmouth  
Kathleen Marie Strauss, Youngstown  
Dale Eugene Swartzentruber, Worthington  
Wilhelm Vicenty, Guaynabo, Puerto Rico  
David Aloysius Zories, Wyomissing

### Bachelor of Arts in Journalism

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Deborah Lynn Athy, Springfield  
Jeremy S. Baka, Mansfield  
Philip M. Bowman, Portsmouth  
Margaret Ann Breitenbach, Cincinnati  
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Martin Lawrence Deutsch, Toledo  
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Nanette Louise Halley, Huron  
Mark Charles Hayward, Columbus  
Steven Arthur Heckler, Mayfield Village  
Karen Kay Kiger, Washington Court House  
Deborah Jeanne Krause, Cincinnati  
Ruth Litvin, Dayton  
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Lee Ann MacKulin, Columbus  
Jerry Lyndon Mallicoat, Franklin  
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Marilyn Wilson Phelps, Columbus  
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 Nadine Doan Snyder, Brooklyn Heights  
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 Margaret Kathrine Wikle, Eaton  
 Sherman Williams, Fairborn  
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 Demopsey Reno Adkins, Columbus  
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 Robert Hunter Atha, Worthington  
 Stephen James Auszin, Germantown  
 David Scott Azzolina, South Euclid  
 Mark Alan Baker, Toronto  
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 Bryan Page Barnes, Worthington  
 Brian Paul Bates, Lima  
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 Robin Lynn Bennett, Elyria  
 Peter L. Berk, Cleveland Heights  
 Curtis Hager Berlin, Columbus  
 Kenneth Robert Berry, Zanesfield  
 Douglas Jerald Bertke, Cincinnati  
 Kenneth Dale Birdwell, St. Marys  
 John G. Blankenbecker, Worthington  
 Eric D. Bostic, Columbus  
 David Allen Bowman, Marysville  
 Richard Lance Brake, Columbus  
 Craig William Brooks, Columbus  
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 Todd David Burkhardt, Zanesville  
 Gary Allen Burris, Urbana  
 Bryan Otis Butler, Columbus  
 Michael John Butler, Heath  
 Brian Patrick Callahan, Cincinnati  
 James Timothy Calpin, Canfield  
 David Gregory Cannon, Worthington  
 Bruce Gilbert Carlson, Avon Lake  
 Kerry Gene Carnahan, Coshocton  
 Stephen Wayne Carpenter, Newark  
 Mark Allan Carroce, Canfield  
 Steven Frank Caruso, Alliance  
 Janine Bett Casslow, Columbus  
 Diane Marie Chesnut, Gallopway  
 David Charles Ciotti, Cincinnati  
 Thomas Warren Clark, Columbus  
 Stephen Michael Clemens, Dayton

Curtis Alan Clifton, Zanesville  
 John Everett Clinton, Middletown  
 Ina Fay Coleman, Painesville  
 Margo Jean Combs, Carroll  
 Lisa Gaye Conklin, Columbus  
 Joseph James Contrera, Parma  
 Steven James Cordeau, Monroe  
 Bryan A. Corson, London  
 John Bertram Cousins, Dublin  
 Lisa Jane Creager, Cincinnati  
 John Dennis Curran, Reynoldsburg  
 Cathy Lynn Davies, Massillon  
 Lisa Kay Davis, Hubbard  
 Thomas Edward Deacon, Highland Heights  
 Karen Sue Dean, Cardington  
 Brian Lawrence Deibel, Columbus  
 John Andrew DeLauro, Highland Heights  
 William Frank Demidovich Jr., Westerville  
 William Thomas Dessert, Tallmadge  
 Amy Jo Edelstein, New Rochelle, N.Y.  
 Mark Allen Edgerton, Columbus, Ga.  
 Cathy Louise Ehrsam, Toledo  
 Kay Ann Eier, Upper Sandusky  
 Steven Earl Elliott, Newark  
 Sisi Essuman-Ocran, Besiasi (C/R) Ghana  
 Jeffrey William Evans, Worthington  
 Raymond Francis Evans Jr., Sunbury  
 John Arthur Fasold, Columbus  
 Paul Steven Fay, Shaker Heights  
 Russell Stuart Feinberg, Cleveland Heights  
 Polly Thais Ferguson, Mason  
 Cheryl Anne Feyh, Ashville  
 Larry J. First, Columbus  
 John Jay Fisher, Galion  
 Stephen Austin Fisher, Columbus  
 James Russell Flowers, Parkersburg, W.Va.  
 Annette Marie Foust, Columbus  
 Ann Michele Fox, Columbus  
 Mary R. France, Chagrin Falls  
 Dana Hammond Fraser, Columbus  
 Henry Theodore Fritz III, Columbus  
 Jon Becker Fuller, Sandusky  
 Michael John Funk, Columbus  
 Mark William Gallagher, Coshocton  
 William Kenneth Gallagher, Columbus  
 James Robert Gallucci, Columbus  
 Russell Richard Garver II, Marion  
 Alison Denise Gates, Maumee  
 Jeffrey Douglas Gebhart, Columbus  
 John Thomas Gerzema, Westlake  
 Amer Khalil Ghumrawi, Kent  
 David Alan Glassner, Mantua  
 Kelley D. Gleason, Pepper Pike  
 Martha Katherine Goodman, Columbus  
 John Ralph Graff, Westerville  
 Lynne Catherine Green, Canton  
 Theodore C. Grovatt, Vincentown, N.J.  
 Steven Carl Gurtz, Port Clinton  
 Barbara Ann Gyevai, Solon  
 Arnold Roger Haas, Worthington  
 William G. Halsey, Findlay  
 Ronald Joseph Hammer, Fostoria  
 Douglas Clay Hare, Akron  
 Kristen Kay Hartman, Woodville  
 Timothy Alan Hastreiter, St. Marys  
 Sally Haughey, Sylvania  
 Howard Earl Hawks, Marion  
 Kenneth Allan Hay, Bellevue  
 Robert Daniel Heasley, Reynoldsburg

Lynn Ann Heatwole, Newark  
 Lucinda Marie Hegel, Cincinnati  
 Christopher Tod Heller, Portsmouth  
 Dianne Marie Henestofel, Columbus  
 Monika Rae Hensel, Worthington  
 Bradley David Hess, Westerville  
 John Gibson Heyman, Columbus  
 Daniel Allen Hickman, Worthington  
 Regis Francis Hillow, Cleveland  
 Cheryl Marie Hintz, Cincinnati  
 Mary Frances Hoess, Cincinnati  
 David Neal Hoffmann, Columbus  
 Anthony Mark Hohenbrink, Toledo  
 Janet A. Horton, Chesterland  
 Michael Keith Horvath, Lima  
 Brian Van Houghton, Toledo  
 Phillip Terence Howard, Wilmington  
 Greg J. Hrehov, Marion  
 Susan Lynn Hughes, Blacklick  
 Blaine Brycen Hunkins Jr., Columbus  
 Patricia Jean Huml, Columbus  
 Patricia Lynn Inman, Brecksville  
 Sahar Ismail, Worthington  
 Theodor Wwaszkiv, Broadview Heights  
 Gregory V. Jansen, Columbus  
 Karen D. Jones, Worthington  
 David Bruce Kahle, Findlay  
 Edward F. Karabinos, Columbus  
 Scott Arthur Karling, Zanesville  
 Lamar James Keuchler, Marion  
 Erin Kay Keys, Ft. Wayne, Ind.  
 Kenneth James King Jr., Maumee  
 Kathy Jean Klann, Macedonia  
 Stephen Gregory Klein, Akron  
 Edward Lee Koerner, Edgerton  
 Robert Lee Kommiller, Hide-A-Way Hills  
 Charles Joseph Kovachick, Bedford  
 Paula Ann Kuhn, Elyria  
 Patrick Emmett Laird, Worthington  
 Richard E. Laman, Lima  
 David Boyd Lamm, Columbus  
 Joni Lee Langshaw, Columbus  
 Christopher Lee Laughlin, Bay Village  
 Darrin Philip Lause, Delphos  
 Gregory Dale Leach, Grove City  
 Jayna Lee LeBlanc, Brockton, Ma.  
 Cecilia Ping Lee, Taipei, Taiwan  
 Donald Anthony Lewis, Columbus  
 Mark Douglas Lewis, Columbus  
 Danny Jerome Lightfoot, Barberton  
 Paul Skoff Lincoln, Shaker Heights  
 Keefe Edward Lindsey Jr., Columbus  
 Mary Susan Linkes, West Leechburg, Pa.  
 Kathryn Alane Lurie, Tucson, Az.  
 Todd Christopher Macke, St. Marys  
 Kevin Eugene Madden, Hudson  
 Kevin Lee Martin, Englewood  
 Mark Stephen Martin, Columbus  
 William Joseph Marzen, Worthington  
 Scott Eugene Mason, Kettering  
 Mark T. Massarella, Columbus  
 Cynthia Ellen McBride, Mansfield  
 William Lloyd McCurry, Columbus  
 Mary Louise McDaniel, Baltimore  
 Paul Jerome McDonald III, Columbus  
 Cynthia Eve McGinnis, Columbus  
 Roger David McGrade, Zanesville  
 Paul Philip McMahon, Chalkicthe  
 Charles J. McNulty, Columbus  
 Douglas Arthur Meigs, Wooster

Robert L. Meiser, Westerville  
 John Michael Mellor, Columbus  
 Paula Jean Menghini, Reynoldsburg  
 Jeffrey Jay Mickshaw, Mentor  
 Nancy Ann Milm, Celina  
 Mark Allen Miller, Carrollton  
 Mark William Miller, Delaware  
 Karen Kackley Micki, Buffalo  
 Keri Sue Morgan, Worthington  
 Ronald Lee Morris, Jr., Kettering  
 Alan Lee Musser, Lancaster  
 Linda Seckel Mygrant, Marion  
 Thomas Elliott Neely, Cincinnati  
 David H. Nesselroad, McConnelville  
 Michael Eugene Neumann, Galion  
 Jane E. Newman, Galion  
 Richard William Noble, Columbus  
 Mark Edward Nussbaumer, Massillon  
 Madge Lenora Nwachukwu, London  
 Daniel Joseph Ortiz, Madeira  
 Ramly Bin Othman, K. Lumpur, Malaysia  
 Timothy David Parson, Paulding  
 Halid Pasanovic, Cleveland  
 Joy Ann Phelan, Chicago, Ill.  
 James David Phillips, Columbus  
 Margaret Mary Pienta, Parma  
 Robert Ernest Poe, Lebanon  
 Lori Ann Pontello, Beverly  
 William Joseph Popich, Columbus  
 Suzanne Kay Prestabugh, Piqua  
 Bradley Brian Prugh, Newark  
 Thomas T. Quigley, Corning, N.Y.  
 Marcia Ann Quo, Cincinnati  
 Kenneth John Radziwon, Cincinnati  
 Edwin Emory Randall, Akron  
 Thomas C. Richardson, Mt. Sterling  
 Julie Lee Rinehardt, Mansfield  
 Mark S. Roderick, Canton  
 Douglas Jay Ross, Cincinnati  
 Siamak Rowshanabadi, Columbus  
 Frances Lorene Rummel, Columbus  
 Daniel Stuart Salzinger, Mayfield Heights  
 Arthur Wesley Samuelson, Jr., Fairfield, Ct.  
 Martha Jeanne Sands, Columbus  
 Scott Eric Sansone, Westerville  
 Michelle Cora Lee Santos, Newark  
 Mark Bradley Schiefer, Columbus  
 Theresa Lynn Schilling, Columbus  
 Barbara Elaine Schroeder, Bloomingdale  
 Kim Jerome Schwendeman, Lowell  
 Charles Alan Seeright, Springfield  
 Cary Michael Serif, Columbus  
 David Shanks, Columbus  
 Joseph Matthew Siget Jr., Columbus  
 Steven Shawn Simpson, Temperance, Mi.  
 Vikram P. Singhal, Columbus  
 Susan Marie Slanicka, Columbus  
 Amy Elizabeth Smith, Mentor  
 Jeffrey Steven Smith, Beachwood  
 Gene Richard Snyder Jr., Neeenah, Wi.  
 Robert Alan Solter, Marysville  
 Pamela Sparrow, Columbus  
 Eugene Michael Squires, Amherst  
 Joanne Karen Staffman, Beachwood  
 Blair Francis Stavish, South Euclid  
 Anne Kathryn Steegman, London, England  
 Helen Louise Stewart, Columbus  
 Maureen Ann Stockman, Bucyrus  
 Stacy Lynn Sturgeon, Cincinnati

Ann M. Swartz, Newark  
 Sherry L. Teague, Dayton  
 Mark Anthony Tedeschi, Shadyside  
 Gregory Joseph Teklitz, Bedford Heights  
 Timothy Gerald Thalheimer, Loveland  
 James Joseph Thissen, Newark  
 Bradley Everett Thomas, Grove City  
 Cynthia Jean Thomas, Marion  
 Forest Alan Thomas, Carrollton  
 Steven Scott Tretter, Columbus  
 Peggy Tsai, Billings, Mt.  
 Yoke Wai Tung, Teluk Intan, Malaysia  
 Gary William Turnbull, Grove City  
 Kevin John Turner, Toledo  
 Raymond Michael Tusick, North Olmsted  
 Franklin Joseph Van Beusecum, Canton  
 Rori Ann Van Breene, Mansfield  
 Kyle Edward Van Evra, Lancaster  
 Bradley Alan Wall, Punta Gorda, Fla.  
 Christopher Camlin Ward, Dayton  
 Joyce Kay Warner, Upper Arlington  
 Martin John Warner, Columbus  
 John Charles Werden, Springdale  
 Terese Jean White, Youngstown  
 Stanley Scott Wiekiewicz, Mayfield Village  
 Donald Lanse Wilkins, Columbus  
 Thomas Paul Wilkinson, Medina  
 David Paul Williams, Lewisstown  
 Michelle Marie Wilson, Columbus  
 John Samuel Wilson, Galion  
 Allison Leslie Yamashita, Strongsville  
 Nathan Jerome Yetts, Steubenville  
 Steven Robert Young, Upper Arlington

#### **Bachelor of Science in Labor and Human Resources**

James David Monroe, Mansfield  
 Sharon Leete Ring,sylvania  
 Shelly Lane Sheppard, Newark  
 Bonnie Jeanne van Deusen Lavric, Westerville

#### **College of Agriculture**

Dean Max Lennon

#### **Bachelor of Science in Agriculture**

Mary Elizabeth Adams, New Albany  
 Dapo A. Arogundade, Ibadan, Nigeria  
 Nik Abdul Aziz, West Malaysia  
 Mark Theodore Bardall, Tippecanoe  
 Chris Philip Bardos, Warren  
 Chris Arlen Barnett, Mt. Gilead  
 Ronald Allen Bauer, Macedonia  
 Stephen Charles Blessing, Cincinnati  
 Richard John Boehly, Atco, N.J.  
 Timothy Gerard Bohner, Medina  
 Allen John Bonnis, Lakewood  
 Robert John Brockhage, Cincinnati  
 Kathy Jo Burkholder, Greenville  
 Timothy Vaughn Buskirk, Ray  
 Sarah Susan Calhoun, Hilliard  
 Roger James Clark, Minerva  
 Jan Evan Collins, Crown City

Brian Alan Connor, Columbus  
 Anna Christine Damer, Oxford  
 Jay Robert DeVoe, South Solon  
 Jerome Domitrowsky, Manville, N.J.  
 Kimberly Elen Essman, Newark  
 Philip Lee Evans, Laureville  
 James Grant Fish, Ashland  
 Julie Anne Fulper, Streetsboro  
 Mary Ann Furie, Columbus  
 Gay Lynn Grigor, Hartville  
 Stephen Charles Grusenmeyer, Dayton  
 Richard Morrow Hall, Greenfield  
 Wilbert Allen Hersherberger, Casttown  
 Jon Stanley Holkenborg, Sandusky  
 Kriste Arlene Hull, Logan  
 Robert Douglas James, Greenfield  
 Gregory Richard Johns, Mentor  
 Cathy Lea Johnston, Englewood  
 Michael Paul Kasler, Piqua  
 Rebecca Jo Keller, Toledo  
 Thomas Philip Kiener, Upper Arlington  
 Debra Lee Koehler, Carrollton  
 Fritz Koppatschek, Sylvania  
 Mark Andrew Kroggel, Madison  
 Wade Edward Lautzenheiser, Hartville  
 Elizabeth Marie Little, McClure  
 David Joseph Losh, Cleveland  
 Antoinette Majeski, Eastlake  
 Elizabeth Ann Martin, Cumberland  
 Karen Margaret McLoughlin, Columbus  
 Thomas Eugene McRoberts, Piketon  
 Paul Michael Mercer, Columbiana  
 Randall Joseph Meyer, Columbus  
 Cynthia Ann Middendorf, Cincinnati  
 Steven Allen Morgan, Waterford  
 Robert Harlan Moyer, Delaware  
 Charles Lee Newman, Seaman  
 Terrence L. Ochterski, Maple Heights  
 Maki Okano, Tokyo, Japan  
 John Edward Orendorff, Columbus  
 Kevin Michael Persinger, Washington C.H.  
 Dan Jeffry Peters, Amanda  
 Robert Lee Peterson, Washington C.H.  
 John Herbert Pierson, E. Hanover, N.J.  
 Phillip Edward Ping, Oxford  
 Connie Rae Roth, New Philadelphia  
 Carol Sue Rowley, Columbus  
 Richard Lee Ruess, Norwalk  
 Randy Lewis Seeger, Hamilton  
 Alan William Smith, Dayton  
 Kim Yvonne Smith, McConnelville  
 David Bryan Snider, Coolville  
 Paul John Sodoma, Brockport, N.Y.  
 Gregory Alan Spear, Chardon  
 Michael Jerome Stantoni, Greenfield  
 Carolyn J. Stein, Minster  
 Jeffery Thomas Stokes, Clyde  
 James Jeremiah Sullivan, Plain City  
 David Brian Sutton, Circleville  
 Daniel Merritt Tonne, Cincinnati  
 Daniel Deeds VanNess, Alexandria  
 Robert Alex Vlasik, Columbus  
 Laura Jane Welton, Medina  
 Andrew Lee Wenneker, Worthington  
 Katherine Ann Weyler, Xenia  
 Kevin Eugene Yount, West Manchester  
 Connie Rae Zenz, Liberty Center

## **Bachelor of Science In Food Science**

Ann Elizabeth Fitzgerald, Bedford, Tx.  
David Alan Herbell, Parma  
Carol Gay Traunero, Tiffin

## **Bachelor of Science In Food Technology**

Rhonda Sue Barlow, Canton  
Kimberly Ann Pitzer, Hillsboro

## **Bachelor of Science in Nutrition**

Edward Clay Noel, Bethel

## **School of Natural Resources**

Director: Gordon E. Gatherum

## **Bachelor of Science in Natural Resources**

Elizabeth Ann Bader, Columbus  
William Morton Cooper, Westerville  
Frank Allen DiVito, Scottsdale, Az.  
David Alan Drake, Toledo  
Carla Jan Fields, Columbus  
Carolyn Sue Friedel, Cincinnati  
David Walter Homan, Columbus  
Lorraine Lynn Homenuk, Lakewood  
Jeffrey Joseph Koester, Ft. Jennings  
Jeffrey William Lewis, Grove City  
Jeffrey Owen Ludwig, Van Wert  
Scott Robert Miller, Wooster  
Paul Alan Patterson, Granville  
Richard James Reau, Granville  
Mary Christine Roesch, Sandusky  
Terrie Ann Sima, Solon  
Steven Alan Sugerman, University Heights  
Stephen John Tortora, Columbus  
Scott Devin Wall, Springfield

## **Agricultural Technical Institute**

### **Associate in Applied Science**

Norman Lee Anspaugh, Edon  
Michael Andrew Birdley, Muskego, WI.  
Daniel L. Bookman, Loudonville  
Scott Roger Clark, Bellevue  
Than Jay Cramer, Cincinnati  
Erin Lynn Cusack, North Canton  
Joanne H. Ebert, New Alexandria, Pa.  
Michael Walter Gorman, Trenton  
Paula Sue Hudson, Uniontown  
Julie Kathryn Anne Kennedy, Aurora  
Laban Eugene Kurtz, Cochran, Pa.  
John C. Lipps, Kinsman  
Terry Anthony McKissack, Cleveland  
Dennis Doyle Medford, Van Wert

Valeria Kay Rice, Magnolia  
Jeffrey Lynn Setser, Minford  
Douglas George Stuart, Olmsted Falls  
Scott Christopher Taylor, Lorain  
Rebecca Joy Wheeler, Madison  
Rick R. Williams, Columbus  
Mary Catherine Wright, Columbiana

## **College of Dentistry**

### **Division of Dental Hygiene**

Linda Marie Park, N. Canton

## **College of Education**

Acting Dean: Donald P. Anderson

### **Bachelor of Science In Education**

Donna Jane Anderson, Westerville  
Linda Jane Antonone, Mingo Junction  
Denise Catherine Arra, Chagrin Falls  
Ibrahim Ningi Barau, Bauchi, Nigeria  
James Alan Bartley, Delphos  
James Franklin Bartoe, Heath  
Margaret Edith Beckett, Athens  
Nancy Ann Beery, Columbus  
Nancy Penton Bell, Polk  
Rebecca Christina Bell, Whitehall  
David Michael Biroschak, Poland  
Geri Lynn Blake, Marion  
Connie Lynn Bockelman, Columbus  
Marlene S. Brown, Marion  
Sharon Anne Brown, Lima  
Shelley Kay Brown, Sandusky  
Rickey Eugene Browning, Columbus  
Nancy Lloyd Bryant, Columbus  
Jeffrey James Buffer, Columbus  
Lorri Emma Childers, Dayton  
Stephen Dennis Clark, Columbus  
Beverly Ann Coppins, Cincinnati  
Bradley William Cormany, Columbus  
JoAnn Crabtree, New Carlisle  
Kathy J. Cunningham, Newark  
Mary Ann Custis, Columbus  
Haruna Mani Daniel, Bauchi, Nigeria  
Angela Lynn Davis, Columbus  
Paula Sue Dotson, Bucyrus  
Jacque Ellen Durco, Lima  
Mary Beth Eddingfield, Cincinnati  
Michael Chukwma Eddoh, Bendel, Nigeria  
Linda Sue Fanger, Lima  
Beth Ann Fishing, Columbus  
Louis C. Flocken, Worthington  
Thomas Patrick Foley, Gahanna  
Jeffrey Edward Foreman, Elyria  
Laura Kathleen Foreman, Ashville  
Jane Ann Fox, Fostoria  
Christine Ann Fried, Youngstown  
Susan Ann Gabor, Mansfield  
Melanie Sue Garbig, Ada  
Lynn Marie Geringer, Broadview Hts.  
Cynthia Gerris, Hilliard

Nina Marie Gilbert, Hilliard  
Linda Tarney Gordon, Columbus  
Marsha Kelley Griffith, Mansfield  
Denise Merkle Grossman, Gahanna, B.A.  
Scott Edward Grover, Columbus  
Jennifer Mary Hanlon, Columbus  
Mohammed Hashim, Bauchi, Nigeria  
Julie Lynne Henning, Morral  
Seth Anthony Herrstein, Chillicothe  
Frank Andrew Hildebrand, London  
Theresa Marie Hoffer, Cambridge  
Christopher H. Horstman, Scio  
Brenda Lee Hoskins, Heath  
Richard Harwood Hoskins, Columbus  
Michael Thomas Hurdzan, Bridgeport  
Mohammed N. Isa, Bauchi, Nigeria  
Edward Bakari Jatau, Bauchi, Nigeria  
Roberta Lynn Jones, Baltimore  
Kenneth Carl Kesseling, Cincinnati  
Mark Whitney Kisker, Cincinnati  
Abbas Mohammed Lame, Bauchi, Nigeria  
Mohammed Yahaya Lamido, Bauchi, Nigeria  
Joni Marie Lee, Seattle, Wa  
Jill Ann Lucius, Reynoldsburg  
Gary Neil Lussan, Marysville, B.A. (University of  
North Dakota)  
Diane Paula Mancino, South Euclid  
Lynne Marie Mang, Canton  
Linda Louise Mapes, Columbus  
Debra Anne Marohn, Columbus  
Christian Dean Martin, Intercourse, Pa.  
John Paul Matteucci, Eastlake  
Jayne Meyer, Clyde  
Tafida Dagauda Mohammed, Bauchi, Nigeria  
Jude Janguale Mokwami, Bauchi, Nigeria  
Steven Mark Morris, Stow  
Leslie Renee Morrison, Toledo  
Cynthia Ann Mullins, Mansfield  
Cathy Lin Munson, Reynoldsburg  
Regina Marie Naseman, Anna  
Karen Mary Nichols, Worthington  
Elizabeth Ann Nonelle, Dayton  
Jonathan Nwang, Bauchi, Nigeria  
Clara Martin O'Connell, Grove City  
Ann Christine Overholt, Ashland  
Jodi Rouda Palmer, Columbus  
Diane Marie Panzarella, Fairport Harbor  
Robin Ann Parcel, Dennison  
Gretchen Stor Peterson, Ashtabula  
Larry L. Phillips, Vienna, W.Va.  
Julie Lynn Plank, Bexley  
Joy Michele Polly, Euclid  
Dana W. Porter, Columbus  
Dawn Hamblin Porter, Mansfield  
Kathleen Laree Pynch, Columbus  
Elizabeth Ellen Queen, Columbus  
Karen Lynn Rapenport, Columbus  
Rebecca Lynn Reed, Columbus  
Paula Ann Resanovich, Canton  
Christine Ann Riley, Columbus  
Melissa Kim Roberts, Columbus  
Lawrence Freeman Rodgers, Columbus  
Joel Nathan Rosen, Pepper Pike  
Beth Ellen Sadler, Findlay  
Michelle Jayne Sanders, Elida  
Diana Sloan Schlaufman, Nova  
Keith Eldon Schlumbohm, Bradner  
Judith Claire Schnoor, Columbus  
D. Kimberly Selover, Elida

Ann Louise Shaffer, Butler, Pa.  
 Jerry Ray Shaw, Bluffton  
 Vicki Ann Sherman, Columbus  
 Camille Marie Singerman, Mentor  
 Susan M. Sites, Lima  
 Kim Annette Snyder, Powell  
 Deborah Faye Sobel, Columbus  
 Jacqueline R. Soloveiko, Stow  
 Karen Lee Stansberry, Columbus  
 Marlene Kay Stewart, Anna  
 Twilah Jean Swiger, Maplewood  
 Lisa Jo Thogmartin, Richwood  
 Laurie Tomaszewski, Clifton  
 Vince Michael Trombetti, Columbus  
 Mark Alan Vassar, Castalia  
 Nadine Therese Vulich, Youngstown  
 Joy Ann Wagner, Urbana  
 Shirley Border Waggy, Pataskala  
 Sheila Faye Walker, Columbus  
 Sarah McKinley Ward, Columbus  
 Sharon Joanne Washington, Columbus  
 Mary Patricia Weir, North Olmsted  
 Raymond A. Weithman Jr., Columbus  
 Lisa Ann Westhoven, Dublin  
 Robin Ann Wexler, Savannah, Ga.  
 Patricia Kay Wilhelm, Cardington  
 Shirley Faye Williams, Columbus  
 Marguerite A. Williams, Mansfield  
 Kai Fun Wong, Columbus  
 Musa Mele Zambuk, Bauchi, Nigeria  
 Reta Lynn Zody, Lucas

## College of Engineering

Dean Donald D. Glower

### Bachelor of Science in Aeronautical and Astronautical Engineering

Kenneth Earl McCabe, Plain City  
 Andrew Sotire Kididis, Columbus  
 David Peter O'Connell, Columbus  
 Jeffrey Scott Worth, Columbus

### Bachelor of Science in Agricultural Engineering

Michael Robert Inkrott, Leipsic  
 Charles Edward Platt III, Columbus  
 John Charles Rochotte, Avada  
 Wesley Allan Wagner, Lancaster  
 Scott Michael Weygandt, Chagrin Falls

### Bachelor of Science in Aviation

Debra Lynn Arnold, Columbus  
 David James Kress, Mansfield

### Bachelor of Science in Ceramic Engineering

Steven Francis Geiger, Logan  
 George William Singleton, Zanesville

### Bachelor of Science in Chemical Engineering

Hashim Bin Ahmad, Kedah, Malaysia  
 Richard Harsha Brandon, Cincinnati  
 Lee Scott Burroughs, Batavia  
 Mitchell Alan Dickerson, Coshocton  
 Clarice Joan Hanusz, Newark  
 Sudhir Swarup Jindal, Chillicothe  
 Carolyn Marie Lin, Willowick  
 Carl Norman, Columbus  
 Morad Razmaifshari, Tehran, Iran  
 Thomas Anthony Regrut, Dublin  
 Eric Louis Rohr, Canton  
 Ariel Antonio Sanmartin, Panama, Panama  
 Christopher Peter Stolarski, Bexley  
 Clark Brian Wade, Marysville  
 Kevin Michael Weithman, Genoa  
 Bruce Ken Wishon, Bethel Park, Pa.

### Bachelor of Science in Civil Engineering

Jackie Rhea Craig Jr., Lima  
 Michael Allan Dzumak, Maple Heights  
 Stephan George Janosko Jr., LaGrange  
 Mohamed Jiraki  
 Raymond Semaan Kalouche, Beirut, Lebanon  
 Robert James Kuszmaul, Warren  
 Andreas Mikhomazi Manana, Mbabane, Swaziland  
 Leslie Lynn Morton, Chesterland  
 Hamid Pourvakili, Tehran, Iran

### Bachelor of Science in Computer and Information Science

Christopher Lee Booth, North Canton  
 Michael Alan Clinger, Mansfield  
 Tamara Jo Collins, Westerville  
 Susan Elizabeth Davis, Akron  
 Marc William Edwards, Cincinnati  
 Terence Joseph Geck, Cleveland  
 Robert William Hake, Columbus  
 James Michael Hokomb, Cincinnati  
 Merete Jordal, Hryanger, Norway  
 Donald Charles Kearley, Rootstown  
 Nick G. Minchenko, Reynoldsburg  
 Tim Allen Rogers, Mt. Sterling  
 Gregory Lawrence Sink, Columbus  
 Thuy Ngoc Tran, Columbus  
 Aadne Tveit, Bergen, Norway

### Electrical Engineer

Clifton Hugh Dawkins, Kingston, Jamaica  
 Tomas Delgado, Pasto, Colombia  
 Tae-Hoon Kim, Columbus  
 Mehdi Mansoori, Tehran  
 Anthony Paul Messuri, Youngstown

### Bachelor of Science in Electrical Engineering

Arif Ahmed Abassi, Lahore, Pakistan  
 Jody Lynn Alders, Youngstown  
 Arman Andpib, Tehran, Iran

Kayban Barin, Tehran, Iran  
 Jeffrey Richard Bennett, Warren  
 Eric Peter Bohley, Columbus  
 Denise Elaine Boyd, Huber Heights  
 Gregory Scott Burgess, Proctorville  
 Philip Douglas Cray, Chagrin Falls  
 Tho Van Dang, Gahanna  
 John Ralph Dombey, Bay Village  
 Timothy Erjavec, Euclid  
 Patricia Weichenthal Fleming, Marion  
 Jeffrey Alan Fronk, Worthington  
 Curtis Allen Gage, Poland  
 Steven Lee Harmon, Columbus  
 Steven David Hoenig, Fairborn  
 Mahammed Imran, Karachi, Pakistan  
 Lawrence William Leasko, Mentor  
 Thomas John Pelc, Broadview Heights  
 Lisa Lee Pickens, Columbus  
 Robert Paul Precht, West Chester  
 David Charles Reynolds, Hudson  
 Michael Clinton Reynolds, Charleston, W.Va.  
 Mark Scott Rodgers, Heath  
 John Michael Semler, Marion  
 Gene Tuney Skuss, Columbus  
 John Lloyd Staller, Canton  
 Robert Arthur Stevens Jr., Cincinnati  
 Joseph Graham Tanner, Columbus  
 Frank Jason Tipton, Xenia  
 Todd Michael Turnbull, Columbus  
 Jamie K. Wackler, West Milton  
 Robert Richard Ware, Dayton  
 Jane Wai-Chun Yee, Columbus

### Bachelor of Science in Industrial and Systems Engineering

Mohammad Aghlimehrizi, Yazd, Iran  
 Nancy Ann Apke, Cincinnati  
 James Edward Baumbler, Youngstown  
 Craig Barclay Belton Jr., Dayton  
 Chan Yong Choong, Singapore  
 Jennifer Lynn Cole, Akron  
 James Arthur Dawsey, Ashtabula  
 Megan Kathleen Drake, Columbus  
 Glenn David Evans, Akron  
 Margaret Dooley Frye, Springfield  
 Amin G. Haghghi, Columbus  
 Patrick John Hentosh, Hubbard  
 Robert J. Knapp, Wadsworth  
 Constance Marie Korns, Sandusky  
 Janet Ann Lin, Prairie Village, Ks.  
 Ivana Lukac, Cleveland  
 Thomas James Mason, Bexley  
 Peter Grant McParlin, Worthington  
 Cheng Lim Ng, Malaysia  
 Parviz Nowzari, Tehran, Iran  
 Richard Lee Rolandelli, North Olmstead  
 Beth Ann Rosa, Wakeman  
 John Thomas Russell, Doylestown, Pa.  
 Timothy Gerard Schon, Cincinnati  
 Joan Frederick Steel, South Euclid  
 Michael Lee Zimmerman, Wooster

## **Bachelor of Science in Mechanical Engineering**

Paul W. Baker, Shelby  
Duane Edward Bassett, Dayton  
John Daniel Bishop, Middletown  
Daniel Harton Bradley, Lorain  
David Lawrence Brooks, Nashport  
Corinne Cannelli Buoni, Columbus  
Loren Stephen Day, Columbus  
Brian Keith Eschenauer, Broadview Heights  
Robert Paul Fifflick Jr., Grove City  
Brian Ray Fortner, Navarre  
John Thomas Hohman, Columbus  
John Daniel Kaskewsky, Marietta  
Andrew Scott Kreager, Avon Lake  
Kenneth N. Ku, Taipei, Taiwan  
Michael Arthur Kusnir, Barberton  
Bradley Frederick Kuvlin, S. Euclid  
Timothy Hargraves Lawler, Columbus  
Thomas Raymond McCray Jr., Oakwood Village  
Mansour Mesbah, Karadj, Iran  
Sina Naghshineh, Ahwaz, Iran  
Tien Manh Ngo, Columbus  
Anthony Perry Jr., Cleveland  
Peter Jonathon Finter, Elyria  
Donald Ralph Scharf II, Amherst  
James Allen Schrader, Marysville  
Robin Kam Smith, Cincinnati  
Robin Scott Stocking, Brook Park  
John Michael Tulloss, Utica  
Timothy John Velegol, Colliers, W.Va.  
Kirk Louis Wirth, Middleburg Hts.  
James Benjamin Zaboski, Chesterland

## **Bachelor of Science in Metallurgical Engineering**

Hyun Sam Cho, Columbus  
Mark Joseph Cola, Cleveland

## **Bachelor of Science in Mining Engineering**

Daniel Robert Burton, Middleburg Hts.  
Gregory Kliev Morrell, Price, Ut.  
John Hayden Phelps, Chagrin Falls  
Thomas Michael Roman, Uniontown

## **Bachelor of Science in Welding Engineering**

Glenn Dean Dugger, Columbus  
John Neil Miller, Columbus  
Tim Allen Shoup, Waynesville

## **School of Architecture**

### **Bachelor of Science in Architecture**

Mustafa Mohamed Hemali, West Minster, Co.

## **Bachelor of Science in Landscape Architecture**

Diane Marie Buterbaugh, Columbus  
Gary Lloyd Collier, Sidney  
Mary Louise McRury, Columbus

## **College of Home Economics**

acting Dean: Lena Bailey

### **Bachelor of Science in Home Economics**

Barbara Anne Albers, Brookpark  
Penelope Sue Barnhart, Circleville  
Debra Marie Baron, Lorain  
Susan Mary Birhandi, Dublin  
Teresa Belle Boley, Worthington  
Teresa Kathleen Bruah, Newark  
Tracy Jonell Callahan, Seneca  
Beth Ann Carey, Columbus  
Tamara Marie Champion, Montpelier  
Marianne Clutter, Columbus  
Angela Marie Daniels, Columbus  
Susan Elizabeth Davis, McConnelsville  
Carolyn Marie Fares, Columbus  
Lori Lee Follmer, Cincinnati  
Dionne Galloway, Hudson  
Stacy Dale Griffen, Bay Village  
Melissa Lynn Grove, Massillon  
Leann Rose Gurney, Mansfield  
Lisa Ann Hackworth, Bluffton  
Joni Marie Helfer, Newark  
Janelle Rae Hounshell, Dayton  
Linda Ellen Israel, East Palestine  
Diane D'Elia Jadwin, Columbus  
Andrea Lynn Johnson, Westerville  
Rhonda Lynn Lashen, Columbus  
Alison Elizabeth Lenzer, Cincinnati  
LouAnn Livingston, Wyoming  
Amy Jo Long, Columbus  
Cynthia Ann Long, Gallion  
John Michael Magary, Columbus  
Nancy Pavey Martin, Gahanna  
Deborah Susan Metsker, Colorado Springs, Co.  
Mary Frances Miller, Zanesville  
Maria Frances Nawrocki, Reynoldsburg  
Kathleen Ann Nolan, Columbus  
Julie Ann Power, Worthington  
Shari Lynn Prato, Worthington  
Mary Beth Shultz, Marion  
Judy Mae Stemen, Bremen  
Bethlia Ann Thompson, Columbus  
Julie Evelyn Titon, Columbus  
Kathleen Lacy Tremi, Akron  
Barbara Marie VanOrman, Pickerington  
Diane Michelle Wyatt, Columbus

### **Bachelor of Science in Nutrition**

Mary Katherine Black, Worthington  
Peter John Snuffer, Columbus

## **Bachelor of Science in Restaurant Management**

Janette Marie Belinske, Toledo  
Melodie Sue Crall, Bucyrus

## **College of Law**

Dean: James E. Meeks

### **Juris Doctor**

John Richard Alexander, Dayton B.A. [Wright State University]  
Joyce Battle-Link, Columbus B.A. [Washington University]  
Jeremy William Brockwell, Cambridge B.A.  
Russell Earl Camahan, Youngstown B.A. [Bowling Green State University]  
Robert Carl Goldie, Columbus B.A. [Wittenberg University]  
Richard Gilbert Hornig, Bay Village A.B. [Cornell University]  
Richard L. Knuth, Hubbard B.S. [General Motors Institute]  
Clifton Joseph Latiolais Jr., Columbus B.A.  
Linda Joyce Lofton, Meridian, Miss. B.A. [Mississippi College]  
Roberta Moro, Columbus B.A.  
Raul Antonio Francisco Pedrozo, Kidron B.S. [Eastern Kentucky University]  
Nancy Elizabeth Pierce, Guyssville B.A. [Kansas State University]  
Gregory James Rogers, Columbus B.A. [University of Notre Dame]  
Lester Rushin III, San Jose, Cal. B.A. [Talladega College]  
Steven Rodger Russi, Worthington B.S. [Bowling Green State University]  
James Robert Skidmore, Columbus B.M., M.M., [University of Illinois] D.M.A., [Catholic University of America]  
Kim William Zerby, Columbus B.S. [Pennsylvania State University]

## **College of Medicine**

Dean: Manuel Tzagournis, M.D.

### **Doctor of Medicine**

David Roscoe Adam, Shelby A.B. [Miami University]  
Leslie Comer Andes, Rocky River B.S.  
Kerry Y. Patterson Cole, Greeville, Miss. B.A. [Tufts University]  
Terry Gene Jones, Sallisaw, Okla. B.S. [Oklahoma State University]  
Wayne Kivan Lawson, Toledo B.A. [Incarnate Word College]  
Scott Ellis Patterson, Dover B.S.  
Scott Lee Sargent, Kettering B.S. [Wright State University]  
Margaret Dorian Skidmore, Washington, D.C. B.S. [Millikin University] B.M. [The Catholic University of America]

Jerry D. Smucker, West Liberty B.A. (Goshen College)  
 Nicholas Vincent Varrati III, Elwood City Pa, B.S. (Duquesne University)  
 John Mark Zangmeister, Clyde B.A. (Case Western Reserve University)

## Bachelor of Science in Allied Health Professions

Kathleen Anderson, Lancaster  
 Linda Lorraine Anderson, North Olmsted  
 Sara Lynn Bertsch, Hartsville  
 Laura Prahst Black, Parma  
 Laurie Ann Brizes, Elyria  
 Donna Marie Browning, Barberton  
 Diane Burkhardt Bruzese, Columbus  
 Anne Marie Cain, Cincinnati  
 Linda Ann Caylor, Tampa, Fla.  
 Tami Suzanne Channess, Wapakoneta  
 Cheryl Ann Corrigan, Westerville  
 Susan Jane Craft, Columbus  
 Laura Mae Cron, Coldwater  
 Carol Anne Crum, Columbus  
 Deborah Lee Curran, Dayton  
 Marcia Lynn Custard, Westerville  
 Yvonne Ellen Cyr, Kettering  
 Mary Louise D'Amore, Brookfield  
 Sheila Ann Damren, Augusta, Maine  
 Michelle Hope Deutsch, Beachwood  
 Teresa Lynn Faisick, Springfield  
 Lisa Ann Fell, Trenton, N.J.  
 Janet Jane Fisher, Lancaster  
 Denise Marie Galletto, Tiffin  
 Sarah Lynn Geiser, Orville  
 Jennifer Marie Gilden, Cincinnati  
 Jeri Christina Gompf, Cardington  
 Marsha Ilene Gottlieb, Dayton  
 Carla Ann Halki, Beavercreek  
 Mary Jean Hayden, Worthington  
 Suzanne Renée Helgeson, Worthington  
 Carol Ann Hopkins, Marietta  
 Harriet Sue Itkoff, Cincinnati  
 Janet Ann Kappen, Cincinnati  
 Edward Charles Kehres, Toledo  
 Tamara Jean Kellett, Columbus  
 Cassandra Lee King, Columbus  
 Kristina Marie Koehler, Columbus  
 Brenda Lee Koverman, Fort Loramie  
 Karen Ann Kuprus, Struthers  
 Hope Mary Levenhagen (Posthumously), Parma Heights  
 Marynelle Klamfoth Liston, Columbus  
 Lori Jo Long, Shadyside  
 Joseph Michael Mandula III, Seven Hills  
 Karen Sue Marconi, Stow  
 Julie Ann McGilivray, Columbus B.A. (Ohio Wesleyan)  
 Mary Margaret McMaster, Columbus  
 Margaret Ann Meslener, Lewisburg  
 Sandra Kay Muncy, Mechanicsburg  
 Ann Elizabeth Mushaben, Cincinnati  
 Doris Emma Pierce, Westerville  
 Isla Christine Price, Grove City  
 Nancy Lynne Puckett, Hamilton  
 Elizabeth Therese Reymann, Akron  
 Barbara Jo Rodemoyer, Grove City  
 Deborah Elaine Shoemaker, Columbus

Cheryl Ann Sinclair, Lorain  
 Mary Patricia Uhl, Toledo  
 Laurie June Unsicker, Mackinaw, Ill.  
 DeLee Kay Welch, Nevada  
 Bonita Elaine Williams, Cincinnati

## Certificate of Post Baccalaureate Medical Technologist

Timothy Nelson Elhard, Columbus B.A. (Capital University)  
 Mihyun Kim, Seoul, Korea B.A. (Kyung-Hee University, Seoul, Korea)

## College of Nursing

Acting Dean: Kathryn T. Schoen

### Bachelor of Science in Nursing

Kathleen Jo Bobick, Broadview Heights  
 Denise Lynne Bruchs, Youngstown  
 Pearlina Byrd, Columbus  
 Rosetta Carr, Cleveland  
 Kris Anne Danielak, Fostoria  
 Lois Hosteller Douglass, Marshfieldville  
 Maria Sue Ehrlich, Centerville  
 Kimberly Ann Emich, Akron  
 Susan Marie Ewing, South Euclid  
 Barbara Ann Forsthoef, Centerville  
 Dianna Lynn Goolsby, Columbus  
 Karen Marie Gravenkemper, Dayton  
 Melaina Susan Grubich, Whitehall  
 Claire Jean Hadley, Youngstown  
 Rosemary Kay Hendricks, Springfield  
 Deborah Lynn Hinkley, Centerville  
 Donna Louise Hog, Louisville, Ky.  
 Deborah Jo Huston, Columbus  
 Kelly Jo Johnson, Oregon  
 Carolyn Sue King, Caldwell  
 Laura Kathleen Kohnmann, Canton  
 JoAnn Krivetzky, Broadview Heights  
 P. Emily Lewis, Rushville  
 Andrew David Lohrer, Springfield  
 Elizabeth Anne O'Rourke, Columbus  
 Paul Timothy Phillips, Youngstown  
 Annette Marie Reed, Youngstown  
 Johanna Mae Rockwell, Salem  
 Mary Michelle Santangelo, Columbus  
 Ann Marie Shockey, Urbana  
 Rhonda Lynn Smith, Napoleon  
 Tracy Lynne Smith, Kenton  
 Faye Yvonne Terman, Mansfield  
 Clair Gerard Tosino, Toledo  
 Patricia Ann Walters, Columbus  
 Linda Sue York, Proctorville

## College of Pharmacy

Dean: Albert H. Soloway

### Bachelor of Science in Pharmacy

Paul Kenneth Dove, Columbus  
 Terri Helen Duga, Bexley  
 Lynn Marie Johnston, Blanchester

TaeHo Oh, Columbus B.S. (Juriaata College)  
 Neil Joseph Prezioso, Niles  
 Rita Faye Thomas, Columbus  
 Julie May Youmans, Gahanna  
 Thomas Guy Zimmermann, Cincinnati

## College of Social Work

Dean: Richard E. Boettcher

### Bachelor of Science in Social Welfare

Edmond Joseph Cotter Jr., Columbus  
 Mary Pandora Hipsher, Caledonia

## Graduates with Honors

Criteria for graduation with honors are as follows:

**With Distinction** requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

**With Honors in the Liberal Arts** requires Successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

**Cum Laude** designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

**Summa Cum Laude** designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

### With Distinction in Civil Engineering

Raymond Semaan Kalouche

### With Distinction Electrical Engineering

Eric Peter Bohley

### With Distinction in Entomology

Alan William Smith

### With Distinction in Environmental Education

Elizabeth Ann Bader

### With Distinction in Natural Resources Development

Jeffrey William Lewis

### With Distinction in Speech and Hearing Science

Michelle Linda Yanof

## **Cum Laude**

Duane Edward Bassett  
James Edward Baumliller  
Margaret Edith Beckett  
Nancy Ann Beery  
Michael Andrew Birkley  
Laura Prahnst Black  
Allen John Bonnis  
Nancy Lloyd Bryant  
Diane Marie Chestnut  
Michael Alan Clinger  
Susan Elizabeth Davis  
Joanne H. Ebert  
Carla Jan Fields  
Dana Hammond Fraser  
Susan Ann Gabor  
Carla Ann Halki  
Mary Jean Hayden  
Mary Frances Hoess  
Theresa Marie Hoffer  
Susan Lynn Hughes  
David R. Ignaszewski  
Deanne Marie Inman  
Merete Jordal  
Raymond Semaan Kalouche  
Tamara Jean Kellett  
Paula Jean Menghini  
Mary Margaret McMaster  
Keri Sue Morgan  
Cynthia Ann Mullins  
Cathleen S. Neal  
Vickie Power-Pound  
Elizabeth Ellen Queen  
Diana Sloan Schlaufman  
Vicki Ann Sherman  
Jacqueline R. Soloveiko  
Ann M. Swartz  
Faye Yvonne Terman  
Carol Gay Traunero  
Steven Robert Young  
Reta Lynn Zody

## **Cum Laude with Distinction in Animal Science**

Robert Lee Peterson

## **Cum Laude with Distinction in Horticulture**

Stephen Charles Blessing

## **Cum Laude with Distinction in Liberal Arts**

Dale Eugene Schwartzentruber

## **Summa Cum Laude**

Mary Elizabeth Adams  
Dennis Andrew Bartelheim  
Anne Elizabeth Bell  
Sara Lynn Bertsch  
Cathy Louise Ehrsam  
Polly Thais Ferguson  
Janet A. Horton  
Mark Andrew Kroggel  
Kathryn Alane Lurie

Carol Ann Maher  
Sandra Kay Muncy  
Ann Mason Porter  
Arthur Wesley Samuelson, Jr.  
Judith Claire Schnoor  
Amy Elizabeth Smith  
Joseph Graham Tanner  
Yoke Wai Tung  
Patricia Kay Wilhelm  
Donald Lanse Wilkins  
Kirk Louis Wirth

## **Summa Cum Laude with Distinction in Horticulture**

Kathy Jo Burkholder



THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND NINETY-FIFTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 8, 1983

The Board of Trustees met at its regular monthly meeting on Thursday, December 8, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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December 8, 1983 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 12:00 noon. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 1:30 p.m.

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#### ENROLLMENT--AUTUMN QUARTER, 1983

President Jennings called on Mr. Ihrig to present a report on the Autumn, 1983 enrollment situation.

Mr. Ihrig made the following statement:

Thank you, Mr. President. Mr. Chairman, before you is a brief report that provides the highlights of enrollment by the various categories within the University. I will not take the time to review that in detail, but I'd like to summarize part of the material from that report.

The efforts to reduce the numbers of undergraduate students on the Columbus campus have been successful for 1983. New, first quarter entering freshman were reduced by 270 students from the prior year; we reduced undergraduate transfer admissions and also the number of undergraduate students who had 'stopped out' for a quarter or so and had returned to the University. However, while reducing the numbers of entering students on the campus, two other factors had reversed the impact of these actions. First was that undergraduate retention increased for the continuing undergraduate students, which increased those enrollments 615 over the prior year. Our retention rates of first year/second year students, for example, are now at around 79.23 per cent, and that increase is about 5 per cent over what that retention rate was five years ago. In addition to the retained students--the retention of undergraduate students increasing, the numbers of graduate students reversed a declining trend since 1980, and we had 157 more graduate students this year than the previous year. So the overall result on the Columbus campus was 53,757 students, which is 319 above the previous year, which is about 6/10ths of a per cent increase, which is really steady-state--where we've been over the past five years.

In addition, on the regional campuses--all those campuses showed enrollment increases for the fiscal year--or for the 1983 academic year, and for a total increase on the regional campuses of 261. And our total University enrollment is at 58,359. And again, overall that is about a less than 1 per cent increase.

December 8, 1983 meeting, Board of Trustees

### ENROLLMENT--AUTUMN QUARTER, 1983 (contd)

Based on these data and looking ahead for continuing improvements in the preparation of our undergraduate students, since currently some 25 per cent of our entering freshmen are placing in the top quartile in the ACT test scores and some 45 per cent of our freshmen enrollments are from the top 20 per cent of their high school classes, and with the continued emphasis we are having on improved high school preparation prior to coming to Ohio State, we think that our retention levels will be maintained at these high levels and probably in the future further increase. Based on that fact along with our graduate student enrollments, we've set planning targets for next autumn quarter (in 1984) for the entering freshman class of 6,500, and undergraduate transfers at 2,000. Our planning target for this year was 6,800, and this reduction--let me remind you that is not a part of the decrease of potentially up to 2,000 students that we were talking about if the funding levels from the state had been reduced. This is a part of our normal planning, looking ahead and taking into account our assumptions of maintaining our high retention rates and the number of students that will be here who are already enrolled for next year, and our graduate student enrollments. So our new targets for next year will be 6,500, heading toward an eventual steady-state where these fluctuations we have had over the last few years would be at around 6,600 entering freshmen. So for the next couple of years we are looking at a slight dip in that and then coming in at a steady-state level around 6,600.

We have alerted, through correspondence, the high school counselors throughout the State of Ohio, that there is a strong possibility that in early January we will be closing off admission to Ohio State, even up to two weeks earlier than the action occurred last year. But, the overall good news in all this is that OSU continues to attract the better prepared students at this University. That completes my report. If there are any questions, I will be glad to respond.

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### MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION, INC. BOARD OF TRUSTEES

President Jennings called on Dr. Tzagournis to introduce the report on the Medical Research and Development Foundation.

Dr. Tzagournis made the following statement:

Mr. President, Drs. Robert Wall and Robert Fass are here; they are officers of the MRDF, and will present the report.

Dr. Wall made the following statement:

Dr. Jacob, President Jennings, the MRDF Board has now functioned for about four years plus, and with the passage of time and the fact that there are new members on the Board, I would like to make a few introductory statements.

December 8, 1983 meeting, Board of Trustees

MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION, INC.  
BOARD OF TRUSTEES (contd)

MRDF stands for the Medical Research and Development Foundation, which was created March 2, 1979. All faculty members of the College of Medicine who are members of the fourteen different clinical departments--that is, departments that are directly involved in patient care--and who are full-time members of the faculty, and who are M.D.'s, are automatically members. Each year these departments, who vary greatly in their mission, responsibilities and functions, have their elected finance committees draw up a plan of enrichment for that year, which, following approval by 75 per cent of their membership, the dean of the College of Medicine and the Practice Plan Committee, becomes binding on all members of that department for that fiscal year.

The function of the Board of Trustees of the MRDF is to serve as an agent to facilitate and monitor the functioning of these approved plans. The Board has four members from the administration appointed by title--the Chairman of this Board, the President of the University, the Chief Fiscal Officer, and the Dean of the College of Medicine--and six elected faculty members. The Board of the MRDF meets periodically, but the day by day work is done by one half-time accountant who is the only employee, and the officers of the Board. There is only one committee--the finance committee, whose members are Weldon Ihrig, Dr. Bob Fass who is Treasurer, Dr. Wooley who is Secretary, and I sit on it ex officio. We have no operating funds so we generate such funds by floating our enrichment funds; this is to pay minimal operating expenses for one employee and for our auditing fees each year, and a few office expenses. These funds have generated additional monies over our expenses which have been contributed equally to our operating fund to pay our expenses, to the Dean of the College of Medicine for whatever his priorities are for its use, and we return a third of it prorated to the departments who left the money to generate interest--otherwise we wouldn't have any money floating.

The functioning of the Board has been, to my perception at least, extremely amicable with a good exchange of ideas and common agreement on all issues at least to date. And with the new sense of stability and growth of our college and firm leadership both at the college and University level, and full cooperation of all the faculty members who are in MRDF, we have had no significant problems at this time that we haven't been able to handle.

There has been a steady growth in enrichment contributions for the programs by the MRDF members. Some departments have limited resources and some of them are more affluent. None have regressed in their programs and the more affluent have steadily increased their contributions which will be outlined by Dr. Fass. These enrichment programs support specific objectives and they are designed by the members of the department who best know what their needs are in that department which cannot readily be met by the restraints of University funding and its priorities. They fund the purchase of equipment: typewriters, computers, medical equipment, etc.;

December 8, 1983 meeting, Board of Trustees

MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION, INC.  
BOARD OF TRUSTEES (contd)

educational support for undergraduate and post-graduate students in the form of books, travel to medical meetings, start-up funds for student research and equipment; funding and equipment for newly recruited faculty as an important use of it; payment of visiting professors for research and teaching; and in some departments awards which have been given each year for excellence in teaching and research. Careful monitoring is made to assure that none of these monies return to any of the MRDF members which would jeopardize our nonprofit foundation status. We hope you will be pleased, as we are, with the increase of enrichment funds from our first fiscal year of approximately \$1.8 million to the projected 83-84 fiscal year of \$3.9, and an increase this year which will be approximately 33 per cent.

I guess with all that good news you always have some concerns. A major one is the new TEFRA tax law which has considerable impact on the practice of medicine in general, and particularly in teaching institutions such as ours. While the regulations are not entirely clear--as far as I know they might not even be written--they could significantly decrease the income particularly related to outpatient clinical functions. Dean Tzagournis and his staff have been aware of this and have shown a leadership role in trying to solve the problem. Besides the enrichment programs we have outlined, there are expenses to be paid in the outpatient clinic--these continue to escalate. In one department they have risen from \$79,000 to \$240,000 in only two years. Payment of these expenses comes from the same sources as the enrichment programs, and it is feared that if these expenses are not contained, and with the income decreases that could occur related to the TEFRA laws, it potentially could have an adverse effect on the continued growth of the enrichment programs.

Dr. Fass will report on the specifics of our function and we will try to answer any questions that we can when he is finished. We really appreciate the opportunity to address the Board.

Dr. Robert Fass made the following statement:

I will try and be brief and round most figures off.

Most of our money we keep track of along two lines. One line is the cumulative funds that are available from each of the fourteen departments. In fiscal year 82-83 the total budget for those fourteen departments was just under \$3 million; that amount was deposited and used for the stated purposes, and the cash balance at the beginning and the end of the year was approximately \$550,000. For the first quarter of 83-84 the fund float has been a little bit greater. As Dr. Wall pointed out, the budgets--accumulative budgets for the fourteen departments are just under \$4 million rather than just under \$3 million. And so far within the first quarter, \$1-1/3 million has been deposited. The current balance after the first quarter of the current year is just over \$1 million.

December 8, 1983 meeting, Board of Trustees

MEDICAL RESEARCH AND DEVELOPMENT FOUNDATION, INC.  
BOARD OF TRUSTEES (contd)

The other sort of fund that we keep track of is the operation account fund which is the money that is generated from the interest from the fourteen departments leaving it there before that money is spent. For fiscal year 82-83, our opening balances and closing balances were \$96,000 and \$92,000 respectively. We generated \$73,000 in income from our investments--at about \$73,000, as Dr. Wall already pointed out, \$30,000 was given to the College of Medicine and \$30,000 was returned to the participating departments. Our actual expenses, our actual true operating expenses are only about \$17,000, and most of that was for our half-time employee. For the first quarter of the current fiscal year, again our opening balance was \$92,000 and to date we have generated almost \$26,000 in interest, leaving a balance as of the end of September of \$114,000. Our board of trustees at its last meeting again voted to give \$30,000 to the college and redistribute \$30,000 of that to the participating departments, leaving the balance within the operational account.

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REPRINTED STATUTES APPLYING TO THE UNIVERSITY,  
BYLAWS OF THE BOARD OF TRUSTEES, AND  
RULES OF THE UNIVERSITY FACULTY

Resolution No. 84-60

Synopsis: The reprinted Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty are presented for adoption.

WHEREAS the publications entitled Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty have been reprinted to conform to the changes approved by the Board of Trustees since the last date of publication in April, 1980; and

WHEREAS Section 111.15 of the Ohio Revised Code requires state-assisted institutions of higher education to file the current rules and regulations which have been adopted or promulgated by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the reprinted text of the Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules of the University Faculty dated September, 1983 be adopted as the official publication of the Board of Trustees.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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December 8, 1983 meeting, Board of Trustees

## ART ACQUISITION POLICY

Resolution No. 84-61

Synopsis: Adoption of a policy for the acquisition of objects of fine art is proposed.

WHEREAS the University, over the years, has acquired outstanding collections of fine and decorative art and other objects and has a commitment to expand and enhance these collections to benefit teaching and research in the arts; and

WHEREAS the acquisition of objects of fine and decorative art having unique and individual characteristics and other objects of intrinsic historical or artistic value cannot, by its very nature, be accomplished by soliciting competitive bids:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance, upon the recommendation of the Dean of the College of the Arts, or other designated University official responsible for such collections, be authorized, on a continuing basis, to purchase, without competitive bidding, objects of fine or decorative art or other objects to be collected for and on behalf of the University from funds authorized for such purposes, upon such terms and conditions as are deemed to be in the best interest of the University, but not to exceed \$100,000.00 per art work or collection based on an appraisal (or appraisals) acceptable to the University.

Upon motion of Mr. Teaford, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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## PERSONNEL ACTIONS

Resolution No. 84-62

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment of Department Chairpersons, Appointment of Acting Director, Professional Improvement Leave--Cancellation, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 4, 1983 meeting of the Board, including the following Appointment of Department Chairpersons, Appointment of Acting Director, Professional Improvement Leave--Cancellation, and Emeritus Titles as detailed in the University Budget, be approved.

Appointment of Department Chairpersons

October 1, 1983 through October 31, 1983

Civil Engineering

Zoltan A. Nemeth\*

\*Acting Chairperson

December 8, 1983 meeting, Board of Trustees

#### PERSONNEL ACTIONS (contd)

Appointment of Department Chairpersons (contd)

November 1, 1983 through June 30, 1987

Civil Engineering

Robert L. Sierakowski

January 1, 1984 through June 30, 1987

Educational Policy and Leadership

Charles M. Galloway

January 1, 1984 through December 31, 1987

Metallurgical Engineering

George R. St. Pierre

Appointment of Acting Director

October 1, 1983 through June 30, 1984

ElectroScience Laboratory

Leon Peters, Jr.

Professional Improvement Leave--Cancellation

DANIEL R. BARNES, Associate Professor, Department of English, effective Autumn Quarter 1983 and Winter Quarter 1984.

Emeritus Titles

MORRIS L. BATTLES, Department of Ophthalmology, with the title Professor Emeritus, effective July 1, 1983.

HENRY J. MEDERSKI, Department of Agronomy, with the title Professor Emeritus, effective December 1, 1983.

WENDELL W. LITT, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective September 1, 1983.

SIGEL G. STOCKER, Agricultural Technical Institute, with the title Assistant Professor Emeritus, effective July 1, 1983.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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#### RESOLUTIONS IN MEMORIAM

Resolution No. 84-63

Synopsis: Resolutions honoring the service of five of the University's faculty members who have recently died are being proposed.



December 8, 1983 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Berry, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Harold J. Grimm

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 10, 1983 of Harold J. Grimm, Professor Emeritus, Department of History, College of Humanities.

Dr. Grimm was born in Saginaw, Michigan in 1901. He took the B.A. degree from Capital University in 1924, and his M.A. and Ph.D. degrees from The Ohio State University in 1928 and 1932 respectively. He was appointed as assistant professor in 1937, associate professor in 1942, professor in 1947, and then went as professor and chairman of the Department of History at Indiana University from 1954-1958. Dr. Grimm returned to Ohio State in 1958 and served as Department Chairman from 1958-1967.

Dr. Grimm's speciality was Reformation history and his textbook on the Reformation has been widely used for over two decades. He was truly a distinguished student of Martin Luther and of the social impact of the Reformation throughout Europe. In the course of his career Dr. Grimm served as President of the American Society of Church History, as President of the American Society for Reformation Research, was a charter member of the Foundation for Reformation Research, and was elected a Member of the Royal Historical Society and of the Royal Society of Arts.

Dr. Grimm was known as an inspiring teacher, and one who was thoroughly dedicated to this University and to his adopted state. His talents and interests were recognized when he was named Honored Professor of the Year in Arts and Sciences (1950), and when he received the Alumni Award for Distinguished Teaching in 1963. He also received a Distinguished Service Award from this University and from Capital University as well. Dr. Grimm's devotion to the state is seen in his long service on the Board of Trustees of the Ohio Historical Society, during which he served two years as President (1973-75).

Professor Grimm always believed it his duty to support his local community as well as his University. For seven years (1940-47) he served on the Board of Trustees of the Bexley Public Library, and for six years (1948-54) on the Board of Trustees of the Bexley Public Schools.

Dr. Grimm was named Regents Professor in 1968 and retired in 1972. Five years later, in 1977, he published a widely acclaimed book on Lazarus Spengler, a lay leader of the Reformation. Harold Grimm's life was an example to his many graduate students and to his colleagues as well that scholarship can be a delight throughout a long and useful life. Dr. Grimm died on the day the world was celebrating the 500th birthday of Martin Luther.

December 8, 1983 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Harold J. Grimm (contd)

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and The Ohio State University has sustained.

Victor W. Hoffman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 10, 1983, of Victor Warren Hoffman, Assistant Professor Emeritus in the Department of Educational Theory and Practice.

Victor Hoffman was born at Greenfield, Ohio, on June 28, 1915. In 1934 he graduated from Chillicothe High School. He received a B.S. in Education in 1942 and a M.A. in Education in 1947, both from The Ohio State University. He was a graduate assistant at The Ohio State University School in 1942-43 and returned to join the faculty as an instructor from 1947 to 1957. The next year he joined the Academic Faculty of Industrial Technology Education as an assistant professor, continuing there until his retirement in June, 1980.

Professor Hoffman was elected to membership in Epsilon Pi Tau, an International honorary fraternity in technology education. In his 33-year career at The Ohio State University, he was a loved and respected teacher and counselor. He taught a National Defense Education Act sponsored institute for advanced study in industrial arts in 1968. He also taught State of Ohio sponsored advanced workshops in driver and safety education in 1969 and 1971.

He served on active duty with the U. S. Army from April 1943 until September 1946, serving as a communications officer. He retired from the U. S. Army Reserves in 1968 with the rank of lieutenant colonel.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Robert E. Mathews

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 4, 1983, of Robert Elden Mathews, Professor Emeritus of the College of Law.

Robert Elden Mathews distinguished career covered six decades of professional contributions, including fifty-two years of law teaching. He holds the longest tenure as a member of the faculty of the College of Law, The Ohio State University serving from 1924 to 1964. Upon retirement he was named Professor Emeritus by the Board of Trustees. Professor Mathews was born in 1894. He completed his undergraduate study at Yale University Phi Beta

December 8, 1983 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Robert E. Mathews (contd)

Kappa and received his Juris Doctor degree from the University of Chicago in 1920. He began his law teaching at the University of Montana and served as a visiting professor at Columbia University, the Indian Institute of New Delhi, Harvard University, and the University of Texas where he taught part-time until his retirement at age 80 in 1974. His fields of teaching and scholarship were agency and partnership law, labor law, and professional responsibility.

Professor Mathews' scholarship contributions were significant. He contributed the section on Partnership for 30 Ohio Jurisprudence and edited the Fifth Edition of Mechem, Cases on the Law of Partnership, (1935). Subsequently, he published his own casebook, Cases and Materials on the Law of Agency and Partnership, Chicago, Callaghan and Company (1940) and (1957). Professor Mathews served many years as chairman of the Labor Law Group Trust, a nonprofit association, and was editor-in-charge of the early volumes of the Trust's publication series, including Labor Relations and the Law (1953), Readings on Labor Law (1955), and The Employment Relation and the Law (1957). He contributed various writings and, as others, he received no compensation. During the 1950's he developed innovative teaching problems for his course in Professional Responsibility. Subsequently, these were published in six revisions as Problems Illustrative of the Responsibilities of Members of the Legal Profession by the American Bar Center, the Council on Legal Education for Professional Responsibility and the Law School Foundation at the University of Texas. He directed several significant studies and his last publication appeared in 1972.

Professor Mathews had a consuming devotion to the principles of democracy and individual freedom, as well as public service. He served in Washington, D. C. from 1942-45, first with The Board of Economic Warfare and later as Associate General Counsel with The National War Labor Board. He contributed to many organizations, including the Association of American University Professors, the Association of American Law Schools which he served as national president in 1952, and the National Academy of Arbitrators. He served as chairman of the U. S. International Society of Labor Law, as a member of the U. S. National Commission for UNESCO, and taught at the American Law Institute's "Orientation Program in American Law" held at Princeton for some 140 international lawyers.

Professor Mathews was endowed with an indefatigable zest for life. His friendship and counsel were an inspiration to countless numbers. His long, dedicated and meaningful life is distilled in enduring quality of his work and the traditions of this University.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

December 8, 1983 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

Wendell D. Postle, D.D.S.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 28, 1983, of Dr. Wendell D. Postle, Dean Emeritus in the College of Dentistry.

Dr. Postle received his D.D.S. degree from The Ohio State University in 1923. He maintained a successful private dental practice.

Dr. Postle received the Callahan Award of the Ohio Dental Association; the Centennial Award in 1966; the Distinguished Service Award in 1958 from The Ohio State University; the Distinguished Alumni Award from The Ohio State University College of Dentistry in 1981; and the Distinguished Service Award from the Pierre Fauchard Academy. He was a Fellow of the American College of Dentists, Past President American Association of Dental Colleges, and Past President of the Fund for Dental Education of the American Dental Association.

Dr. Postle was Dean of the College of Dentistry from 1938-1964. In 1976 Wendell D. Postle Hall, Dental Building, at The Ohio State University was dedicated in his honor. He was Faculty representative of the Big Ten Western Conference 1947-1960.

Dr. Postle was a member of First Community Church, Omicron Kappa Upsilon, Phi Kappa Psi, Psi Omega Dental Fraternity, Columbus Rotary Club, Presidents Club, Faculty Club, Columbus Club, Scioto Country Club and the Masons Scottish Rite and Aladdin Temple Shrine.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

James C. Rubright

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 8, 1983, of James Clare Rubright, Associate Professor in the College of The Arts, Department of History of Art.

Born on October 20, 1926, in Akron, Ohio, Professor Rubright received his B.A. degree from the Johns Hopkins University in 1948 and his M.A. degree from the University of Mississippi in 1950. He was a student in Classical Art and Archaeology at the American School of Classical Studies in Athens, Greece, in 1950-1951 and at Harvard University from 1952 to 1956. He was a member of the faculty of the College of The Arts from 1956 until his death.

In addition to his teaching, Professor Rubright was an active classical archaeologist who participated in excavations in South Arabia, Greece and Yugoslavia. He was an authority on classical lamps, had given numerous public lectures, and written articles and reviews on classical archaeology. He was a member of the Classical Association of the Middle West and South, the College

December 8, 1983 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

James C. Rubright (contd)

Art Association of America, the Ohio Academy of Science, and the Archaeological Institute of America. He founded the Columbus chapter of the Archaeological Institute of America and was for over twenty years its faithful secretary-treasurer.

On campus, Professor Rubright was particularly active in curricular concerns and in the Honors Program of the Colleges of Arts and Sciences. He served as chairman of the Honors Committee from 1966-1972. He was also a member of the University Senate, and was advisor to the Sigma Epsilon Phi Fraternity and the Hellenic Student Association.

On behalf of the University community, the Board of Trustees expresses to Professor Rubright's family its heartfelt sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-64

Synopsis: The reports on contracts, grants, and gifts and the summary for October, 1983 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of October 1983, be approved.

Upon motion of Mr. Imcke, seconded by Mr. Hilliker, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

December 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR OCTOBER 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	72	\$4,183,056.47
Engineering Experiment Station	28	\$ 53,762.00
		\$4,236,818.47
The Ohio State University Development Fund		
Establishment of Named Funds		
Paul J. Berka Endowment Fund in the College of Medicine (Bone Marrow Transplantation Program)		\$ 15,000.00
John F. Byrne and Perry Okey Memorial Scholarship Fund in Electrical Engineering (Department of Electrical Engineering - scholarships)		\$ 11,362.50
Biological Sciences Senior Thesis Research Fund (College of Biological Sciences - support senior thesis research)		\$ 10,000.00
William J. and Gwendolyn W. Buschman Cheerleaders Scholarship Fund (Scholarships - cheerleader squad)		\$ 10,000.00
Charles A. Thompson Memorial Fund (Support various law college programs that interested Professor Thompson)		\$ 6,300.00
William D. Dowling Fund for Adult Education (Fellowships, scholarships, conduct workshops or conferences)		\$ 5,160.00
Endowed Residency Position in Small Animal Veterinary Surgery (Stipend - residency position)		\$ 5,000.00

December 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Stella S. Katz Scholarship in the College of Pharmacy (College of Pharmacy - scholarship)	\$ 5,000.00
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Franz Theodore Stone Laboratory Sustaining Fund (Sustain and enrich the research, teaching and service programs and facilities)	\$ 5,000.00
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Paul Watkins History Book Endowment Fund (Purchase books, microfiche, micro- film, or on-line materials for the History Department)	\$ 5,000.00
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Report from Presidents Club

Members to date	4,309
1983 members: year to date	108
New members - October 1983	8

New Presidents Club Members - October 1983

William H. Fink	Stanton E. Moyer
Terry C. Howell	Anthony R. Orsini, Jr.
Peter Y. Kim	William G. Pace, IV
Robert C. Ludwig	Stephen J. Ruth

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

July through October, 1982 and 1983

## THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

## CONTRIBUTIONS BY SOURCE

	Donors		Dollars	
	July through 1982	October 1983	July through 1982	October 1983
				% Change
Alumni	9,585	18,711	\$3,797,223	\$1,845,153 (52)
Non-Alumni	7,010	10,051	1,087,664	1,252,477 15
Corporations	441	733	1,147,150	1,528,848 33
Corporate Foundations	115	146	491,639	645,155 31
Private Foundations	35	40	156,335	118,925 (24)
Other Organizations	262	367	542,825	422,531 (23)
Total	17,448	30,048	\$7,222,836	\$5,813,089 (20)

## CONTRIBUTIONS BY TYPE

	July-October 1982	July-October 1983	% Change
Endowment	\$ 567,764	\$ 599,865	6
Designated	2,543,926	2,887,937	14
Discretionary	317,726	442,936	39
Deferred Maturities	2,027,919	1,169,366	(42)
Gifts-In-Kind	1,765,501	712,986	(60)
Total	\$7,222,836	\$5,813,089	(20)
Gifts (# of)	19,722	34,411	74



December 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Mr. Tobin made the following statement:

Thank you, Mr. Chairman. Included in the agenda for this month's meeting is a new report on the Development program at The Ohio State University. The report covers the period from July through October in 1982 and 1983. Our purpose is to provide the Board with a more useful view of fund-raising at The Ohio State University. The report shows gifts by source and by type, and compares this year with 1982.

When I assumed my position seven months ago, the President indicated that he expected me to increase the annual level of contributions. If you look at the total gifts for the period through October of this year you will see that it is \$5.8 million, some 20% below the same period in 1982. However, this difference was caused by the Molly Caren gift of \$1.7 million which was received during this same period in 1982.

To give you a better impression of the progress in fund-raising at Ohio State, let me report some preliminary figures through November of this year. Our gift total from all sources stands at approximately \$9.4 million. This is 15% ahead of a year ago. In addition, I would mention that we are currently 83% ahead in the number of alumni donors. This is attributed to expanded and improved direct mail and phonothon programs introduced this summer. We are 40% ahead in non-alumni donors, which is attributed to the WOSU summer TV solicitation drive. We show a 50% increase in corporate donors because of an expanded corporate matching gift program. We currently are 38% below last year in total alumni dollars but, once again, this can be attributed to the Molly Caren gift. If one were to exclude the Molly Caren gift, we would actually be 5% ahead of a year ago in the alumni gift category. Finally, I would report to you that we are 161% ahead in non-alumni donors this year as compared to last.

If you find this information of value, Mr. Chairman, the Development Fund would be pleased to continue making monthly reports of this character in the future. Thank you.

December 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - October 1983

Federal Research Contracts/Grants

\$470,000.00 - Department of Energy, Argonne, Illinois, High Energy Physics, Department of Physics (T. A. Romanowski, K. Reibel, N. W. Reay, N. R. Stanton, T. Y. Ling and H. P. Kagan), 23 September 1983 through 31 January 1984. (Project 762116 - Continuation)

\$252,649.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Teenage Alcoholism Modules for the Education of Family Medical Students, Family Medicine Residents and Practicing Family Physicians, Department of Family Medicine (L. L. Gabel), 30 September 1983 through 31 March 1986. (Project 763845 - New)

\$249,850.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Phase I Study to Evaluate the Biological Response Modifying Activity and Potential Activity of Human Interferon, Cancer Research Center and Department of Medicine (J. A. Neidhart) and Department of Medicine (J. J. Rinehart), 29 September 1982 through 31 October 1984. (Project 762482 - Continuation)

\$180,638.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Regional Resource Center, Department of Human Services Education (T. M. Stephens), 21 September 1983 through 31 May 1984. (Project 763600 - Continuation)

\$146,009.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Health Promotion Nutrition Care Independent Study Packages for Family Medicine Residents, Department of Family Medicine (L. L. Gabel), 30 September 1983 through 30 May 1985. (Project 763846 - New)

\$144,660.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Effects of Preventicare Exercise on Elders, College of Nursing (J. S. Stevenson), 26 September 1983 through 25 September 1984. (Project 763849 - New)

\$127,000.00 - Department of the Navy, Naval Material Command, Orlando, Florida, OSU/Microde Development for CIG, Department of Art Education (C. A. Csuri) and Department of Computer and Information Science (E. R. Tripp, III), 30 August 1983 through 31 March 1985. (Project 762746 - Continuation)

December 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$118,713.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Clinical Trial of Extracorporeal Carbamylation, Department of Medicine (S. P. Balcerzak), 1 September 1983 through 31 August 1984. (Project 763266 - Continuation)

\$115,000.00 - Department of the Interior, Office of Water Policy, Washington, D. C., Ohio Water Research Institute Program - 1983, Water Resources Center, Engineering Experiment Station and Department of Civil Engineering (R. C. Stiefel), Department of Chemical Engineering (L. S. Fan), Center for Lake Erie Area Research (C. E. Herdendorf), School of Natural Resources (D. L. Johnson) and Department of Agronomy (T. J. Logan), 1 January 1983 through 31 August 1984. (Project 763796 - Continuation)

\$103,701.00 - Department of the Air Force, Air Force Systems Command, Washington, D. C., Chemical Carcinogen-Induced Changes in tRNA Metabolism in Human Cells, Department of Physiological Chemistry (R. Trewyn), 1 October 1983 through 30 September 1984. (Project 762404 - Continuation)

\$97,772.00 - Department of Education, Office of Educational Research and Improvements, Washington, D. C., ERIC Clearinghouse on Adult, Career, and Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 13 September 1984. (Project 762872 - Continuation)

\$89,813.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Confirmation/Disconfirmation: RN/MD Communication, College of Nursing (B. J. Garvin and C. W. Kennedy), 26 September 1983 through 25 September 1984. (Project 763844 - New)

\$87,865.00 - Department of Labor, Washington, D. C., Training and Human Capital Formation, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 30 November 1984. (Project 763834 - New)

\$80,367.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pathogenesis of Virus-Induced Erythroid Aplasia, Department of Veterinary Pathobiology (G. J. Kociba and J. L. Rojko), 30 September 1983 through 29 September 1984. (Project 763853 - New)

\$80,000.00 - National Foundation for the Arts and Humanities, National Endowment for the Humanities, Washington, D. C., Challenge Grant for the Hilandar Research Project Endowment, University Libraries (W. J. Studer), 1 October 1983 through 31 July 1986. (Project 763686 - Continuation)

December 8, 1983 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

**\$79,181.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Assay Development and Preclinical Pharmacology Studies with Bisbenzimidazole (NSC 322921), College of Pharmacy (L. Malspeis), 30 September 1983 through 29 September 1984. (Project 763438 - New)

**\$76,818.00** - Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation, Washington, D. C., Low Wage Market Studies: Firm Employment Decisions, The National Center for Research in Vocational Education (R. E. Taylor), 23 September 1983 through 22 September 1984. (Project 763833 - New)

**\$71,375.00** - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Use of Cyclosporin A in Bone Marrow Transplantation, Department of Medicine (P. J. Tutschka), 15 August 1983 through 31 January 1984. (Project 763830 - New)

**\$64,618.00** - National Aeronautics and Space Administration, Washington, D. C., Infrared Spectroscopic Investigation of Gases to Support Stratospheric Studies, Department of Physics (J. H. Shaw), 1 November 1983 through 31 October 1984. (Project 761420 - Continuation)

**\$54,071.00** - Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse and Mental Health Administration, Rockville, Maryland, Alcohol Use and Life Cycle Events Among Young Adults, Center for Human Resource Research, Office of Academic Affairs (J. E. Crowley), 29 September 1983 through 31 August 1984. (Project 763851 - New)

**\$53,000.00** - Department of Agriculture, Science and Education, Arlington, Virginia, A Model System Crop Loss Study: Virus Diseases of Corn--Phase II, Continuation, Department of Plant Pathology - OARDC (L. V. Madden), 15 September 1983 through 30 September 1984. (Project 763836 - Continuation)

**\$50,000.00** - Federal Emergency Management Agency, Washington, D. C., The Functioning of the Local Emergency Services Office in Disasters, Department of Sociology (E. L. Quarantelli), 1 September 1983 through 31 August 1984. (Project 763270 - Continuation)

**\$40,000.00** - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Documentation of Ice Shapes for the Helicopter Icing Flight Test Program, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 28 October 1983 through 28 January 1984. (Project 763362 - Continuation)

December 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$32,696.00 - Department of Energy, Pittsburgh Energy Technology Center, Pittsburgh, Pennsylvania, Pressure Fluctuation in High Pressure Fluidization, Department of Chemical Engineering (L. S. Fan), 1 October 1983 through 30 September 1985. (Project 763823 - New)

\$30,000.00 - Department of Agriculture, Animal and Plant Health Inspection Service, Moorestown, New Jersey, Ohio Plant Pest Survey and Detection Program, Cooperative Extension State Operations (I. W. Deep), 1 October 1983 through 30 September 1984. (Project 763261 - Continuation)

\$29,408.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Grants for Preventive Medicine Training, Department of Preventive Medicine (M. D. Keller), 1 October 1983 through 30 September 1984. (Project 763838 - New)

\$25,000.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, Pasadena, California, Support of the NASA Propagation Studies and Measurement Program, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Lewis and E. K. Damon), 1 October 1983 through 31 December 1983. (Project 763692 - Continuation)

\$22,832.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, OSU Comprehensive Cancer Center Support (Core) Grant - Administration, Cancer Research Center (D. S. Yohn), 1 July 1983 through 30 June 1984. (Project 763976 - Continuation)

\$22,242.00 - Department of Agriculture, Soil Conservation Service, Columbus, Ohio, Development of Input Budgets for Crop Enterprises in Ohio, Department of Agricultural Economics and Rural Sociology (N. Rask), 7 September 1983 through 30 September 1984. (Project 763807 - New)

\$21,297.00 - National Science Foundation, Washington, D. C., United States - Federal Republic of Germany Workshop on Manufacturing, Department of Industrial and Systems Engineering (W. E. Wilhelm), 1 October 1983 through 31 March 1984. (Project 763794 - New)

\$20,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Normal Volunteers for Participation in Medical Research Project, Department of Microbiology (A. M. Ackermann-Brown), 1 October 1983 through 31 March 1984. (Project 762907 - Continuation)

December 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$19,070.00 - Department of Health and Human Services, Public Health Service, Center for Disease Control, Atlanta, Georgia, Isometric vs. Isokinetic Back Lifting Performance, Department of Industrial and Systems Engineering (W. S. Marras), 1 July 1983 through 30 June 1984. (Project 763720 - New)

\$19,000.00 - National Science Foundation, Washington, D. C., Investigation of Comagnetic Complexes Using Isotope Systematics, Department of Geology and Mineralogy (K. A. Foland), 1 August 1983 through 30 April 1984. (Project 762479 - Continuation)

\$18,468.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Steric Course of Nucleic Acid Methylation by Carcinogens, Department of Chemistry (H. G. Floss and T. M. Zydowsky), 23 November 1983 through 22 November 1984. (Project 763317 - Continuation)

\$12,500.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, International Symposium on Molecular Spectroscopy, Department of Physics (K. N. Rao), 1 November 1983 through 31 October 1985. (Project 763344 - Continuation)

\$12,127.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, OSU Cancer Center Columbus Community Outreach Program (CCOP) Research Base Support, Cancer Research Center (D. S. Yohn), 30 September 1983 through 31 August 1984. (Project 763855 - New)

\$11,545.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Feasibility Study for Development of an Expert Computer System for Contract Pricing, Department of Computer and Information Science (B. Chandrasekaran) and Academic Faculty of Accounting (J. F. Dillard), 26 August 1983 through 31 December 1983. (Project 763314 - Continuation)

\$8,400.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Graduate and Professional Opportunities Program, Graduate School Administration (A. S. Pruitt), 30 September 1983 through 31 August 1984. (Project 763610 - Continuation)

\$851.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chemical Carcinogen-Induced Neoplastic Transformation, Department of Physiological Chemistry (G. E. Milo), 1 July 1983 through 30 November 1983. (Project 761756 - Continuation)

TOTAL - FEDERAL AWARDS

\$3,138,536.00

December 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants

\$127,400.00 - State of Ohio, Ohio Board of Regents, Columbus, Ohio, Area Health Education Center, College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1983 through 30 June 1984. (Project 763865 - New)

\$34,000.00 - State of Ohio, Department of Education, Columbus, Ohio, Coordination of State-Wide Career Education Activities, Department of Human Services Education (J. J. Quaranta), 1 September 1983 through 31 August 1984. (Project 763832 - New)

\$8,933.00 - State of Ohio, Department of Education, Columbus, Ohio, Occupational Employment Statistics Survey Program in Ohio for Manufacturing and Hospitals, Academic Faculty of Management and Human Resources (H. R. Blaine), 1 July 1983 through 30 June 1984. (Project 763695 - Continuation)

\$4,541.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Children's Book Design Conference, Department of Art Education (K. A. Marantz), 1 July 1983 through 30 June 1984. (Project 763864 - New)

\$3,457.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Visiting Artists in Columbus 83/84, Department of Photography and Cinema (J. R. Green), 1 July 1983 through 30 June 1984. (Project 763848 - Continuation)

\$3,000.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Performing Arts Series, Newark Campus and Department of English (P. B. Graham), 18 November 1983 through 10 January 1984. (Project 763829 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 181,331.00

Industrial Research Contracts/Grants

\$175,394.00 - Standard Oil (Ohio), Cleveland, Ohio, A Numerical Problem Solving Approach to Variables and Functions in Pre-Algebra for Modes 7 and 8, Department of Educational Theory and Practice (A. R. Osborne) and Department of Mathematics (J. Leitzel), 1 October 1983 through 30 November 1985. (Project 763850 - New)

\$84,043.40 - Merck Sharp & Dohme Research Laboratories, West Point, Pennsylvania, A Multiclinic Double-Blind Dose Ranging Study to Evaluate the Effects on Healing of Active Duodenal Ulcer with MK-208 as Compared to Placebo, Department of Medicine (F. B. Thomas), 1 October 1983 through 28 February 1986. (Project 763863 - New)

December 8, 1983 meeting, Board of Trustees

**' REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Industrial Research Contracts/Grants (contd)**

**\$70,000.00** - The Aerospace Corporation, Los Angeles, California, Antenna and Radome Analysis and Design, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 1 January 1984 through 31 December 1984. (Project 762637 - Continuation)

**\$33,565.00** - Chemical Abstracts Service, Columbus, Ohio, Development of an Expert System to Aid in On-Line Searches of the Chemical Abstracts, Department of Industrial and Systems Engineering (P. J. Smith), 1 October 1983 through 30 September 1984. (Project 763843 - New)

**\$25,250.00** - General Molecular Applications, Inc., Columbus, Ohio, A Quantitative Hypoxanthine-Guanine Phosphoribosyl Transferase (HGPRT) Assay in a Human System for the Detection of Ultraviolet Radiation (UV) Irradiation Protective Agents, Department of Radiology (R. E. Stephens), 1 October 1983 through 31 March 1984. (Project 763835 - New)

**\$25,000.00** - Central Soya Company, Fort Wayne, Indiana, Potential Prophylactic Dietary Role of Lecithin in Repressing Age-Related Changes in Behavior, Neuroanatomy, and Neurochemistry: An Integrated Multidisciplinary Study in the Aging Mouse, Department of Pathology (R. F. Mervis), Department of Physiological Chemistry (L. A. Horrocks), Department of Psychology (D. R. Meyer) and College of Pharmacy (L. J. Wallace), 1 July 1982 through 19 February 1984. (Project 763203 - Continuation)

**\$9,200.00** - Miles Pharmaceuticals, West Haven, Connecticut, Research in Infectious-Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 September 1983 through 31 August 1984. (Project 763852 - New)

**\$9,000.00** - Rockwell International, Los Angeles, California, Radar Cross Section of Aircraft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 1 October 1983 through 31 December 1983. (Project 762982 - Continuation)

**\$5,751.00** - Bailey Drug Company, Zanesville, Ohio, Faculty Development Agreement with Bailey Drug Co., Zanesville, Ohio, College of Pharmacy (E. W. Jacobs), 1 October 1983 through 30 June 1984. (Project 763867 - New)

**\$5,000.00** - Riverside Methodist Hospital, Columbus, Ohio, Graduate Student Internship, Department of Human Services Education (D. J. Tosi), 20 September 1983 through 30 June 1984. (Project 763854 - New)



December 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$2,850.00 - Kemin Industries, Inc., Des Moines, Iowa, A Comparison of the Effectiveness of Ethoxquin and Endox for Sparing Vitamin E in Chick Diets, Department of Poultry Science (J. D. Latshaw), 1 October 1983 through 30 November 1983. (Project 763821 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 445,053.40

Other Non-Federal Research Contracts/Grants

\$91,209.00 - Electric Power Research Institute, Palo Alto, California, Causes and Corrective Actions for Pitting in Steam Generator Tubing, Department of Metallurgical Engineering (S. S. Smialowska), 24 May 1983 through 31 August 1984. (Project 763582 - New)

\$81,500.00 - United States-Israel Binational Agricultural, Research and Development Fund, Beltsville, Maryland, Integrated Control of Tomato Pests in Greenhouses, Department of Entomology - OARDC (R. K. Lindquist), 27 September 1983 through 26 September 1986. (Project 763837 - New)

\$50,000.00 - The Elsa U. Pardee Foundation, Midland, Michigan, Suitability of Antibody to Genetic Regulatory Structures of DNA (Deoxyribonucleic Acid) for the Detection of Cancer, Department of Radiology (R. E. Stephens), 1 October 1983 through 30 September 1984. (Project 763847 - New)

\$41,515.00 - The Council for Tobacco Research, U.S.A., Inc., New York, New York, Di-O-Acetyl-D-Glucarodilactone Inhibition of Chemical, Department of Physiological Chemistry (T. E. Webb), 1 January 1984 through 31 December 1984. (Project 763868 - New)

\$33,220.00 - American Heart Association, Dallas, Texas, Peripheral Circulation: Neural Control in Normal and SHR Rats, Department of Physiology (J. A. Boulant), 1 September 1983 through 31 August 1984. (Project 762709 - Continuation)

\$25,000.00 - Alaska Public Utilities Commission, Anchorage, Alaska, Telecommunications Technical Assistance to the Alaska Public Utilities Commission, National Regulatory Research Institute (D. N. Jones) and Department of Computer and Information Science (C. Mount-Campbell), 21 October 1983 through 30 June 1984. (Project 763858 - New)

\$19,602.00 - Florida International University, Miami, Florida, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 30 June 1984. (Project 763856 - Continuation)

December 8, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$16,000.00 - Eight Members of the National Alliance of Post-secondary Education Institutions/Districts, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 June 1984. (Project 763548 - Continuation)

\$14,500.00 - National Live Stock & Meat Board, Chicago, Illinois, Influence of Dietary Proteins on the Endorphin System, Department of Pharmacology (G. A. Tejwani), 1 September 1983 through 31 August 1984. (Project 763842 - New)

\$10,305.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Kellogg National Fellowship Program, City and Regional Planning (S. I. Gordon), 1 September 1983 through 31 August 1984. (Project 762906 - Continuation)

\$8,000.00 - American Cancer Society - Ohio Division, Cleveland, Ohio, A Nude Mouse Model for the Treatment of Hairy Cell Leukemia, Department of Pathology (R. F. Barth), 1 October 1983 through 30 September 1984. (Project 763862 - New)

\$8,000.00 - Singapore Government, Singapore, Colombo Plan Staff College Review, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 31 March 1984. (Project 763860 - New)

\$7,550.07 - Muscular Dystrophy Association, New York, New York, Fluorescence Studies of Calcium Transients in Muscle, Department of Physiological Chemistry (J. D. Johnson), 1 September 1983 through 31 December 1983. (Project 763866 - New)

\$7,485.00 - The Robert H. Winn Foundation for Cat Research, Ocean, New Jersey, Characterization of Familial Renal Amyloidosis in Abyssinian Cats, Department of Veterinary Clinical Sciences (S. P. DiBartola), 1 October 1983 through 30 September 1984. (Project 763841 - New)

\$3,500.00 - Battelle Memorial Institute, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (R. N. Christensen), 1 October 1983 through 31 October 1983. (Project 761731 - Continuation)

\$750.00 - Greater Columbus Arts Council, Columbus, Ohio, The OSU Center for the Visual Arts: An Exhibition of the Architectural Competition, College of The Arts - Administration (J. W. Green), 1 October 1983 through 30 September 1984. (Project 763839 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 418,136.07

December 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### ENGINEERING EXPERIMENT STATION

#### Industrial and Other Sponsored Research and Development

\$53,762.00 - from 21 industrial sponsors for 28 projects under the direction of six engineering departments and research areas.

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Establishment of Named Funds

##### Paul J. Berka Endowment Fund in the College of Medicine

The Paul J. Berka Endowment Fund in the College of Medicine was established December 8, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Berka Foundation of Zanesville, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support the Bone Marrow Transplantation Program in the College of Medicine as determined by the Director of the Bone Marrow Transplantation Program and the Dean of the College of Medicine. The principal may be used as occasion dictates; however, at no time shall the principal fall below the limit which is set as the minimum balance for an endowment fund.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, in consultation with the Berka Foundation if then in existence, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for bone marrow transplantation in the College of Medicine.

##### John F. Byrne and Perry Okey Memorial Scholarship Fund in Electrical Engineering

The John F. Byrne and Perry Okey Memorial Scholarship Fund in Electrical Engineering was established December 8, 1983, by the Board of Trustees of The Ohio State University with gifts from the family and friends of John F. Byrne.

These gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Ninety percent of annual income earned by the principal is to be used to provide one or more Department of Electrical Engineering scholarships to students who have demonstrated proven academic ability and need for financial assistance. Preference should be given to a student who: is from a middle-class family; is a first generation college attendee; obtains additional financial

December 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### John F. Byrne and Perry Okey Memorial Scholarship Fund in Electrical Engineering (contd)

assistance through his/her working endeavors. The selection will be made by the University Committee on Financial Aid upon the recommendation of the Scholarship Committee of the College of Engineering. The remaining ten percent of the annual earnings will be reinvested in the principal.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the Department of Electrical Engineering.

#### Biological Sciences Senior Thesis Research Fund

The Biological Sciences Senior Thesis Research Fund was established December 8, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends of the College of Biological Sciences.

Gifts to this fund are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for support of senior thesis research, travel expenses consistent with that research, or presentation of that research by students majoring in the Baccalaureate degree programs in the College of Biological Sciences. The Dean of the College of Biological Sciences will have sole authority to approve expenditures from the fund.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for biological sciences education and research.

##### William J. and Gwendolyn W. Buschman Cheerleaders Scholarship Fund

The William J. and Gwendolyn W. Buschman Cheerleaders Scholarship Fund was established December 8, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from William J. and Gwendolyn W. Buschman and other friends of The Ohio State University Cheerleader Squad.

December 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

William J. and Gwendolyn W. Buschman  
Cheerleaders Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance to members of The Ohio State University Cheerleader Squad. The selection of the recipient(s) is to be made upon the recommendation of the Director of Athletics, in cooperation with the University Scholarship Committee.

Should the need for the scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then responsible for the Athletic Department activities.

#### Charles A. Thompson Memorial Fund

The Charles A. Thompson Memorial Fund was established December 8, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of College of Law faculty member Charles A. Thompson from his family, friends and colleagues.

The fund is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The purpose of this fund is to help support various law college programs that interested Professor Thompson, such as financial aid for minority students; the client counseling competition; skills education programs, such as clinic practice and other courses in evidence, remedies, criminal and civil procedure; and research in these areas. The income from this fund shall be used, in the discretion of the Dean, to support these activities within the College of Law. However, during the 1983-84, 1984-85 and 1985-86 academic years, the income will be used exclusively for financial aid for minority students and thereafter if the Dean determines the need for such financial aid persists, use for that purpose of some of the income should be given a preference.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the College of Law.

December 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### William D. Dowling Fund for Adult Education

The William D. Dowling Fund for Adult Education was established December 8, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from William C. Pursch, Ph.D. '82, and other friends and students of Professor William D. Dowling.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to:

1. Provide fellowships or scholarships for outstanding graduate students majoring in Adult Education; or
2. Provide funds for the conduct of workshops or conferences, to benefit graduate students majoring in Adult Education and others in the university community and the state of Ohio; or
3. Provide funds to attract distinguished visiting professors of Adult Education; or
4. Other uses consistent with the encouragement and furtherance of graduate study in Adult Education at The Ohio State University.

This fund shall be administered by a committee of persons who occupy professorships within the College of Education that are recognized by the Commission of Professors of Adult Education of the American Association for Adult and Continuing Education. These professors shall be empowered to augment the membership of this committee as they see fit and from year to year, giving preference for membership to present and former graduate students majoring in Adult Education in the College of Education.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the person or persons with the College of Education who are members of the Commission of Professors of Adult Education of the American Association for Adult and Continuing Education.

##### Endowed Residency Position in Small Animal Veterinary Surgery

The Endowed Residency Position in Small Animal Veterinary Surgery was established December 8, 1983, by The Ohio State University Board of Trustees with an initial gift to The Ohio State University Development Fund from R. Bruce Hohn, D.V.M.

December 8, 1983 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Endowed Residency Position in Small Animal Veterinary Surgery (contd)

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the principal will be used as a stipend to support a residency position in small animal veterinary surgery. Candidates for the stipend must be Doctors of Veterinary Medicine who have demonstrated interest and qualifications in post-DVM surgical training. Candidates will apply for the award through the Graduate Resident Committee of the Department of Veterinary Clinical Sciences. The Committee will screen all applicants and make a specific recommendation to the Dean of the College of Veterinary Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the study of veterinary medicine education.

##### Stella S. Katz Scholarship in the College of Pharmacy

The Stella S. Katz Scholarship in the College of Pharmacy was established December 8, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Alan S. Katz, a graduate of the College of Pharmacy in 1961.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support a student with demonstrated financial need and in good academic standing as determined by the Dean of the College of Pharmacy. Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, in consultation with the Awards, Honors, and Financial Aids Committee, if then in existence, with preference being given to recommendations from the Dean of the College of Pharmacy.

December 8, 1983 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**Franz Theodore Stone Laboratory Sustaining Fund**

The Franz Theodore Stone Laboratory Sustaining Fund was established December 8, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Friends of the Franz Theodore Stone Laboratory.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used for those purposes which will sustain and enrich the research, teaching and service programs and facilities of the Franz Theodore Stone Laboratory within the College of Biological Sciences. Expenditure of the annual income is to be made upon the authorization of the Director of the Franz Theodore Stone Laboratory with the approval of the Board of Directors of the Friends of Stone Laboratory and the Dean of the College of Biological Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Lake Erie teaching, research and service.

**Paul Watkins History Book Endowment Fund**

The Paul Watkins History Book Endowment Fund was established December 8, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Paul E. Watkins, B.S. '58, Worthington, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to purchase books, microfiche, microfilm, or on-line materials for the History Department of The Ohio State University. The selection of the books or other materials is to be made upon the recommendation of the Chairperson in the History Department or his/her representative for History materials purchases.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for purchasing scholarly works and other library-stored materials for use by members of the Department of History.

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December 8, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 84-65

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

**VETERINARY COLLEGE BUILDING IMPROVEMENTS**

Description: Improvement of specially designed and built-in equipment items and environmental barrier systems and development and upgrading of teaching and research laboratories for professional and graduate education in Veterinary Pathobiology in Goss Laboratory.

**General Contract**

Date Received:	August 11, 1983
No. of Bids:	10
Low Bid:	\$214,600.00*
High Bid:	\$315,000.00*
Estimate of Cost:	\$353,400.00*
Awarded to:	Ohio State Construction, Columbus, Ohio

**Plumbing Contract**

Date Received:	August 11, 1983
No. of Bids:	5
Low Bid:	\$ 90,660.00*
High Bid:	\$112,543.00*
Estimate of Cost:	\$105,510.00*
Awarded to:	Westland Mechanical, Columbus, Ohio

\*Recommended alternates included in these figures.

December 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

VETERINARY COLLEGE BUILDING IMPROVEMENTS (contd)

HVAC Contract

Date Received:	August 11, 1983
No. of Bids:	3
Low Bid:	\$ 98,700.00*
High Bid:	\$107,000.00*
Estimate of Cost:	\$117,301.00*
Awarded to:	J. A. Guy, Dublin, Ohio

Electrical Contract

Date Received:	August 11, 1983
No. of Bids:	8
Low Bid:	\$ 20,750.00*
High Bid:	\$ 30,355.00*
Estimate of Cost:	\$ 33,594.00*
Awarded to:	Royal Electric, Columbus, Ohio

Total All Contracts: \$424,710.00

Total Contingency Allowance: \$ 42,084.11 (which is 10 per cent of construction costs)

Total Project Cost: \$540,000.00

Funding: Am. Sub. HB 552, U & R

\*Recommended alternates included in these figures.

WOODY HAYES DRIVE BRIDGE REPAIRS

Description: Due to deterioration, repairs will be made to the Woody Hayes Drive Bridge (formerly known as the Stadium Drive Bridge) over the Olentangy River for safety and extended life of the bridge.

December 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

WOODY HAYES DRIVE BRIDGE REPAIRS (contd)

General Contract

Date Received:	September 1, 1983
No. of Bids:	3
Low Bid:	\$437,115.40
High Bid:	\$690,450.00
Estimate of Cost:	\$450,000.00
Awarded to:	Contractors Unlimited, Columbus, Ohio
Total All Contracts:	\$437,115.40
Total Contingency Allowance:	\$ 25,261.67 (which is 6 per cent of the construction costs)
Total Project Cost:	\$528,500.00
Funding:	Am. Sub. HB 552, U & R

GREENHOUSE RENOVATIONS  
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Description: This project involves the renovation of several research greenhouses that were constructed in the early 1920's and 1930's to make them energy-saving and labor efficient and to improve their research capabilities.

General Contract

Date Received:	September 27, 1983
No. of Bids:	5
Low Bid:	\$225,790.00
High Bid:	\$246,724.00
Estimate of Cost:	\$242,325.00
Awarded to:	Mike Volk Company, Mansfield, Ohio

December 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

GREENHOUSE RENOVATIONS  
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

HVAC Contract

Date Received:	September 27, 1983
No. of Bids:	3
Low Bid:	\$ 8,900.00
High Bid:	\$ 12,711.00
Estimate of Cost:	\$ 5,500.00
Awarded to:	Mike Volk Company, Mansfield, Ohio

Electrical Contract

Date Received:	September 27, 1983
No. of Bids:	4
Low Bid:	\$ 3,342.00
High Bid:	\$ 6,890.00
Estimate of Cost:	\$ 3,500.00
Awarded to:	Abbott Electric Inc., North Industry, Ohio

Total All Contracts: \$238,032.00

Total Contingency Allowance: \$ 19,665.59 (which is 8 per cent of construction costs)

Total Project Cost: \$262,000.00

Funding: Am. Sub. HB 729, U & R and Federal Funds (USDA)

EXHAUST SYSTEM IMPROVEMENTS  
KOFFOLT AND PARKS HALL

Description: This project is for the renovation of the exhaust systems in Koffolt Laboratory and Parks Hall. This project will collect all fume hood exhausts through a manifold system and discharge them by central fans through a high velocity vertical exhaust stack. With the present system, exhaust products are discharged at a low level on the roof which can be hazardous and, under certain wind and pressure conditions, could result in recirculation of these exhaust products to the building through outdoor air intakes.

December 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

EXHAUST SYSTEM IMPROVEMENTS  
KOFFOLT AND PARKS HALL (contd)

HVAC Contract

Date Received:	September 23, 1983
No. of Bids:	3
Low Bid:	\$ 92,995.00*
High Bid:	\$101,000.00*
Estimate of Cost:	\$118,770.00*
Awarded to:	Edmonds Mechanical, Dayton, Ohio

Electrical Contract

Date Received:	September 23, 1983
No. of Bids:	3
Low Bid:	\$ 10,700.00*
High Bid:	\$ 13,000.00*
Estimate of Cost:	\$ 16,290.00*
Awarded to:	Jordano Electric, Columbus, Ohio

Total All Contracts: \$103,695.00

Total Contingency Allowance: \$ 3,925.92 (which is 3 per cent of construction costs)

Total Project Cost: \$125,000.00

Funding: Am. Sub. HB 552, U & R

\*Recommended alternates reflected in these figures.

ROOF REPLACEMENT AND REPAIRS - REGIONAL CAMPUSES,  
LIMA TECHNICAL BUILDING AND MARION TECHNICAL BUILDING

Description: Due to weather related deterioration, two roofs over the main building and the equipment room at the Lima Technical Building need to be replaced.

Also, louvers and flashing on the north and south walls of the mechanical room at the Marion Technical Building need to be repaired, replaced, and reinstalled.

December 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ROOF REPLACEMENT AND REPAIRS - REGIONAL CAMPUSES,  
LIMA TECHNICAL BUILDING AND MARION TECHNICAL BUILDING (contd)

General Contract - Lima Technical Building

Date Received:	September 13, 1983
No. of Bids:	5
Low Bid:	\$ 96,911.00
High Bid:	\$124,097.00
Estimate of Cost:	\$124,000.00
Awarded to:	Frost & Company, Wapakoneta, Ohio

General Contract - Marion Technical Building

Date Received:	September 13, 1983
No. of Bids:	4
Low Bid:	\$ 12,500.00
High Bid:	\$ 18,258.00
Estimate of Cost:	\$ 20,000.00
Awarded to:	The Bright Company, Columbus, Ohio
Total All Contracts:	\$109,411.00
Total Contingency Allowance:	\$ 9,518.42 (which is 8.7 per cent of construction costs)
Total Project Cost:	\$122,600.00
Funding:	Am. Sub. HB 552, Branch Campuses U & R

CANCER RESEARCH INSTITUTE  
SANITARY SEWER RELOCATION

Description: To prepare the site for the actual construction and to alleviate the limitations to pedestrian and vehicular movement to and from University Hospitals and adjacent buildings. This portion of the project will relocate the sanitary sewer from the building site without interruption of existing service.

December 8, 1983 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CANCER RESEARCH INSTITUTE  
SANITARY SEWER RELOCATION (contd)

General Contract

Date Received:	October 25, 1983
No. of Bids:	4
Low Bid:	\$ 63,135.00
High Bid:	\$ 78,550.00
Estimate of Cost:	\$ 70,000.00
Awarded to:	Complete General Construction, Grove City, Ohio
Total Contract:	\$ 63,135.00
Total Contingency Allowance:	\$ 3,157.00 (which is 5 per cent of construction cost)
Total Project Cost:	\$ 78,053.21
Funding:	Am. Sub. HB 552 and University funds*

\*Bids were originally received for this project on December 8, 1982, and reported to this Board on February 4, 1983, but State funds were never released. The Sanitary Sewer Relocation portion of the Cancer Research Institute project is being funded by University funds.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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President Jennings asked that the record show that neither he nor Mr. Galbreath were involved in the recommendation to the Board concerning the following two easements granted to the Ohio Bell Telephone Company.

EASEMENT  
THE OHIO BELL TELEPHONE COMPANY

Resolution No. 84-66

Synopsis: Renewal of telephone pole easement for the Ohio Bell Telephone Company telephone lines along North Star Road, Columbus, Ohio, is proposed.

December 8, 1983 meeting, Board of Trustees

**EASEMENT  
THE OHIO BELL TELEPHONE COMPANY (contd)**

WHEREAS in 1968 the Board of Trustees granted a telephone pole easement to the Ohio Bell Telephone Company, consisting of a 15 foot wide strip of land approximately 1,160 feet in length running parallel to North Star Road; and

WHEREAS the original grant has expired and Ohio Bell has requested renewal of this easement; and

WHEREAS the telephone lines will serve University facilities; and

WHEREAS the appropriate University departments have recommended that this grant be renewed:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENT--OHIO BELL TELEPHONE COMPANY  
MOLLY CAREN AGRICULTURAL CENTER, MADISON COUNTY, OHIO  
Resolution No. 84-67**

Synopsis: Telephone line and equipment cabinet easement for the Molly Caren Agricultural Center is proposed.

WHEREAS the Ohio Bell Telephone Company has requested a telephone line and equipment cabinet easement at the Molly Caren Agricultural Center, Madison County, Ohio; and

WHEREAS the easement is for the purpose of installing and maintaining telephone lines and equipment cabinets which will serve solely the facilities of the Agricultural Center; and

WHEREAS the appropriate University departments have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.



December 8, 1983 meeting, Board of Trustees

EASEMENT--OHIO BELL TELEPHONE COMPANY  
MOLLY CAREN AGRICULTURAL CENTER, MADISON COUNTY, OHIO (contd)

Upon motion of Mr. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT  
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY  
Resolution No. 84-68

Synopsis: Underground electric line easement to Columbus and Southern Ohio Electric Company is proposed.

WHEREAS Columbus and Southern Ohio Electric Company has requested an electric line easement consisting of a strip of land 10 feet in width and 840 feet in length located at the north end of the University Services Center on the east side of Kenny Road; and

WHEREAS the easement will serve University facilities only; and

WHEREAS the appropriate University departments have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or the Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT  
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY  
Resolution No. 84-69

Synopsis: Electric line easement for WOSU-TV transmitter facility is proposed.

WHEREAS Columbus and Southern Ohio Electric Company has requested an electric line easement consisting of a strip of land 10 feet in width and 390 feet in length on property located on State Route 3 in Delaware County and used as a transmitter site for WOSU-TV; and

WHEREAS the electric line for which this easement is requested will serve only University facilities; and

December 8, 1983 meeting, Board of Trustees

EASEMENT  
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY (contd)

WHEREAS the appropriate University departments have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director for Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easement.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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COMMENDATION FOR S. EARL BROWN

Resolution No. 84-70

WHEREAS Dr. S. Earl Brown has served as Dean of the College of Social and Behavioral Sciences since March, 1979 and before that as Assistant Dean of the College and Professor of Geography; and

WHEREAS Dean Brown's outstanding career with the University spans a period of more than 25 years, beginning with his appointment in 1957 as Assistant Professor of Geography; and

WHEREAS Dr. Brown is retiring as Dean of the College of Social and Behavioral Sciences on December 31, 1983 to return to his duties as Professor of Geography:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses to Dean S. Earl Brown its deep appreciation and gratitude for his leadership and exemplary service as Dean during the past five years, and wishes him well upon his return to his academic duties.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-71

RESOLVED, That the report on the University's Investment Portfolio, dated November 18, 1983, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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December 8, 1983 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, February 3, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

John D. Jacob, D.D.S.  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND NINETY-SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 3, 1984

The Board of Trustees met at its regular monthly meeting on Friday, February 3, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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February 3, 1984 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 11:45 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 1:30 p.m.

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### CAPITAL PLAN

President Jennings called on Mr. Ihrig to review the Capital Plan that will be presented to the General Assembly within a few weeks.

Mr. Ihrig made the following statement:

Thank you, Mr. President. Mr. Chairman, Board Members, two years ago when I came before you to present the Capital Plan for the current biennium, we noted at the beginning that we had a very short time to prepare the plan and submit it. It appears that the same scenario has happened again this biennium, but we had one great advantage through the foresight and the early efforts of David Marsh, who is sitting here by Mr. Nichols, our Assistant Vice President for Campus Planning, who started working this summer with the Deans and Vice Presidents regarding their priorities. We are well prepared to respond to the call for the Capital Plan for the next six years--that is, the next three bienniums--as we work in the Capital Planning process.

That process for the State of Ohio begins with each of the universities and colleges submitting their plans to the Board of Regents for the six years that starts July 1, 1984 and goes through June 30, 1990. The Regents will review and determine--and make their recommendation to the Governor for a Capital Plan for all higher education. The current schedule is for the Regents' recommendation to be finalized by mid-March this year, with the Governor's recommendation being submitted to the General Assembly by the first of April. The General Assembly will then consider capital funding for the first of the three bienniums--for fiscal years 1985 & 1986. The staff members from the Board of Regents, as well as the Office of Budget and Management, have been on all of our campuses to perform site visits and to obtain background information in order to make their recommendations.

The documents submitted in a Capital Plan, in case you are interested in the bulk and size of them, are what I have in my hand--they are this thick. In order to save you from all of this mass of paperwork, we have tried to summarize the material in the

### CAPITAL PLAN (contd)

folders that are in front of you. What we have provided in those folders, you will find for each of the three bienniums. If you look on page three for the first biennium of '85-'86, you will find the summary listing of the projects and the dollar amounts in millions of dollars; and starting on the following page, brief descriptions of each of the projects; starting on page four, the equipment, utilities and renovations; and on page five, more of the line-item type projects.

What I'd like to do is review with you the basic philosophies and guidelines that we've used in putting together this plan and the priorities in which it is submitted. The first major item is our instructional equipment at this University, erasing the backlog of needs and bringing it up to state-of-the-art condition. The majority of the equipment we use for instruction is in the age range of fifteen years, because it was provided at the time of the building boom of the 1960's, as part of the basic construction budgets for the capital projects. Requests from the deans have defined a backlog of around \$84 million dollars in equipment replacement needed for our instructional and research activities. We are requesting a \$30 million catch-up in the first biennium; and this includes \$5 million allocated toward expanding our computer networks on campus to make sure that we enhance the computer literacy of our students and our faculty.

In our second priority we are requesting a total of \$28 million, to be used for what we classify as utilities and renovation. This is where we are working to protect the previous investment of the state in the capital facilities at this University, as well as maintain the various infrastructure support programs that keep this campus community, as well as every campus, alive and working well. Seventy-three percent of the six-year request items relate directly to equipment, utilities and renovation, rehabilitation or replacement of old facilities. Over the six years we have fifteen major buildings we are requesting for renovation; the average age of these fifteen buildings is sixty-eight years old.

In addition to the replacement and rehabilitation, we have to recognize that we have changing patterns within enrollments within the institution (even though total enrollments are level), changing patterns in instruction and research activities, and our continued efforts to meet accreditation standards. We must provide facilities that are responsive to these needs. In addition, we have new academic areas that need to be supported, and in addition we have the need to consolidate various academic departments where over the years, as they have grown and evolved, they have had to be housed in several different buildings on campus. Consolidation is a high priority guideline as we rehabilitate facilities in order to provide more efficient use of personnel and facilities.

We are also maintaining the process we started last biennium, and if you note on the listing on page three, that at the far left margin there are five projects with asterisks after them. Those

CAPITAL PLAN (contd)

projects had planning monies provided in the current biennium capital funding; now we are asking for the construction funds for those projects. In each of the bienniums, we have listed major renovation-type projects in which we are asking for the planning money. This is needed so that once we get into the facilities, we have an accurate cost of what it will take to do the renovation work. In addition, it makes better use of the time available and in scheduling new projects. All the monies in this request are in dollars as of January, 1984, so they are consistent; and we have hopes that as the recommendations go forward, those numbers will be enhanced to the appropriate time in which the projects would be bid.

I'd like to note also that in setting these priorities we have attempted to respond to the areas of the greatest need and in the areas of new thrusts that we think are important to the overall mission of this institution. However, we have to take into account that when we are building a new facility, all we need to do is have the vacant land. The problem with renovation and rehabilitation work in existing facilities is there are people and activities going on in those buildings; so that we have to--and this is what Dave Marsh and his staff spend many, many hours on--plan for the relocation of the people to minimize the amount of relocation involved and to move them back into consolidated, improved quality space. This is a significant problem and it does affect the priorities of when certain projects can be implemented.

We think in overall summary that we have a sound plan to maintain and upgrade, where needed, the University's facilities as we prepare to move into the next decade.

I'd be glad to respond at this time to any specific questions that you may have regarding this material.

Mr. Redman:

Mr. Ihrig, does this include the Cancer Hospital or any parts of it other than the radiation?

Mr. Ihrig:

Right. The radiation is a planned component of that because the radiation facilities in the current University Hospital are out of date. And so this does include the radiation relocation into the Cancer Research Center.

Mr. Redman:

But, nothing in this projection includes...



February 3, 1984 meeting, Board of Trustees

CAPITAL PLAN (contd)

Mr. Ihrig:

No, that is in the current biennium and we expect to have that funded except for a certain amount of the equipment which we cannot acquire until after the center is constructed.

Mr. Redman:

So, that would be in addition to what we have?

Mr. Ihrig:

Yes, sir.

President Jennings:

Well, remember the Cancer Facility is in the Capital Budget for the last biennium, and so that that facility is already authorized by the General Assembly--

Mr. Redman:

But, didn't the Governor put a hold on that--

President Jennings:

No, the Governor has not pulled back on that. He did put a hold on all capital projects during the Issues 2 and 3 discussion, but the Cancer Center is part of the past appropriation. It would only have to go in there for reappropriation insofar as the funds were not encumbered by 30 June, and we expect to have bids let and everything encumbered by 30 June of '84--or virtually everything encumbered.

Mr. Ihrig:

Except for the equipment.

President Jennings:

Yes.

Mr. Jackson:

Mr. President, if things go on normally on the Cancer Research Center, bids should be taken in April.

President Jennings:

Of course they will go on normally, right?

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February 3, 1984 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 84-72

Synopsis: Amendments to rules 3335-3-19, 3335-3-20, 3335-5-37, 3335-5-52, 3335-5-60, 3335-7-13, 3335-7-14, 3335-7-15, 3335-7-16, 3335-7-20, 3335-7-21, 3335-7-22, 3335-7-23, 3335-7-32, 3335-7-33, 3335-9-12, 3335-9-14, 3335-9-17, 3335-9-171, 3335-9-18, 3335-9-20, 3335-9-30, 3335-9-321, 3335-11-06, 3335-13-01, and 3335-13-03 are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on December 3, 1983, as follows:

AMENDED RULES

3335-3-19 University registrar.

Subject to the direction of the vice provost for student affairs, the principal duties of the university registrar shall be the supervision of the details of registration, records, and scheduling which shall include: distribution of registration forms; distribution of approved schedules; fee assessments and adjustments; record of fee payments; maintenance of current quarter schedules; maintenance of home or permanent addresses, name and address of person(s) to be notified in case of emergency, local addresses and the respective telephone numbers of all currently enrolled students; the posting of quarters of attendance; the posting of all courses and respective marks; recording of all probations and dismissals; recording of withdrawals; recording of all degrees earned and dates; recording of all past names and other demographic data; the distribution of the official student records to include the proper confidentiality safeguards; scheduling of classroom space, classes, and final examinations; offering placement testing, admission testing, test scoring services, a mechanism for student evaluation of teaching, and coordination of the credit by examination programs; other routine duties associated with the registration, records, and scheduling of students; and special projects and duties that may be assigned from time to time by the vice provost for student affairs.

3335-3-20 Director of admissions.

Subject to the direction of the vice provost for student affairs, the principal duties of the director of admissions shall be as follows:

- (G) Engage in special projects or duties as may be assigned from time to time by the vice provost for student affairs.

3335-5-37 Membership.

There shall be a university senate, a unicameral body constituted as follows:

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (A) Voting members: the voting members of the senate (throughout this document the word "senate" shall be taken to mean the university senate) shall consist of
- Twenty-four administration members
  - Sixty-eight faculty members
  - Forty student members, consisting of twenty-five undergraduate, ten graduate, and five professional student members.

Any change in the number of members representing one of three primary categories shall necessitate an adjustment in the total membership in order to maintain to the nearest percentage the ratio of these numbers.

- (B) Non-voting members: senate members not entitled to vote on the floor of the senate, but otherwise to participate in all senate deliberations, shall include the university ombudsman, the director of alumni affairs, the secretary of the university senate, the president of freshman senate, the president of undergraduate student government, the vice president of undergraduate student government, the president of the council of graduate students, and the president of the graduate-professional council.

3335-5-52 Council on admission and registration.

- (A) The council on admission and registration shall consist of nineteen members chosen as follows:
- (1) Appointed members. Three members of the university faculty shall be appointed by the president for three-year terms. Appointed members shall be eligible for reappointment.
  - (2) Ex officio members. The persons holding the following titles shall be ex officio members: vice president for academic affairs and provost or designee (who shall serve as chairperson of the council); vice provost for student affairs or designee (who shall serve as secretary of the council); vice president for business and finance or designee; university registrar; and the director of admissions.
  - (3) Members elected by the senate: six faculty, at least three of whom shall be senate members; two undergraduate students; two graduate students; and one professional student.

3335-5-60 University calendar committee.

- (A) The university calendar committee shall consist of fourteen members as follows:
- (1) Six members of the university faculty for terms of three years. A faculty member completing a full term shall be ineligible for reelection for one intervening year;
  - (2) Four students consisting of two undergraduates (including a senate member), one graduate, and one professional student;

February 3, 1984 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (3) The vice president for academic affairs and provost or designee;
- (4) A representative of the council of deans;
- (5) The university registrar, or designee, ex officio;
- (6) The vice president for personnel services, or designee, ex officio.

3335-7-13 Class rosters.

Instructors shall make their class rosters solely from the rosters issued by the office of the university registrar, except that each department or school is authorized to change the hour assignment of a student for courses offered in more than one section. The department or school shall notify the office of the university registrar of all such changes.

3335-7-14 Approval of student schedules.

The deans or secretaries of the several colleges and schools, or designees, shall approve the schedules of classes of students in their colleges and schools but the assignment to hours and all changes in such assignment shall be made by the office of the university registrar.

3335-7-15 Changes of schedules.

No instructor shall change the hour or place of meeting of any class to which a student has been assigned except with the approval of the office of the university registrar.

3335-7-16 Cancellation of elective courses.

As promptly as possible after the filing of the election cards, the office of the university registrar shall report to the dean of the college or director of the school having charge of the department or program concerned all elementary elective courses (those numbered below 300) in which fewer than twelve students are enrolled and all elective advanced undergraduate courses (those numbered 300 and above) in which fewer than eight students are enrolled. The dean or director shall cancel every such course unless the department or program can show adequate reason why it should be given. When such a course is cancelled, the dean or director shall notify the office of the university registrar, who shall insert in the official bulletin a notice of its cancellation.

3335-7-20 Schedules for final examinations.

- (A) Examinations for classes taught on the regional campuses and for classes whose enrollment is exclusively of students registered in the colleges of dentistry, law, medicine, optometry, pharmacy, and veterinary medicine will be scheduled by the offices of the regional campuses and of the colleges respectively. All examination schedules prepared outside the office of the university registrar shall, before publication, be cleared with the office of the university registrar which shall have the power to resolve all conflicts.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (B) Examinations for graduating students shall be arranged by individual instructors so that final grades for the affected students may be submitted to the office of the university registrar by the deadlines established by that office.
- (C) All other final examinations shall be centrally scheduled by the office of the university registrar. The official examination schedules shall be strictly adhered to by all instructors. Any deviation must first be approved by the appropriate university official (department chairperson, regional campus dean and director, or college dean) in consultation with the office of the university registrar, which shall have the power to resolve all conflicts.
- (D) In performing its scheduling function the office of the university registrar shall limit individual examinations to two-hour duration and the total examination period to no more than five days.

3335-7-21 Marks.

The official marks of the university are as follows: "A," "A-," "B+," "B," "B-," "C+," "C," "C-," "D+," "D," "E," "EM," "I," "K," "P," "PA/NP," "R," "S/U," "W." These marks shall have the following meaning:

- (A) "A," "A-"

The instructor judged the student to have satisfied the stated objectives of the course in an excellent manner. The student's performance was judged to be in this range of high quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on the instructor's experience and expertise.

- (B) "B+," "B," "B-"

The instructor judged the student to have satisfied the stated objectives of the course in an above-average manner. The student's performance was judged to be in this range of above-average quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on the instructor's experience and expertise.

- (C) "C+," "C," "C-"

The instructor judged the student to have satisfied the stated objectives of the course in an average manner. The student's performance was judged to be in this range of average quality based upon a comparison with other students in the course, and/or students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on the instructor's experience and expertise.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(D) "D+," "D"

The instructor judged the student to have satisfied the stated objectives of the course in a low but acceptable manner. The student's performance was judged to be in this range of below average but acceptable quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on the instructor's experience and expertise.

(F) "EM"--examination

- (1) This mark indicates credit given to students registered in the university on the basis of examinations taken prior to or after admission to the university. The level of achievement which must be demonstrated by the student on these examinations in order to receive "EM" credit shall be determined by the department or school in which the course is offered for credit, in accord with the criteria for the award of letter grades. This credit, up to a maximum of forty-five credit hours, shall be assigned only upon the authorization of the chairperson of the department or the director of the school and with the approval of the authorized representative of the dean or director of the student's enrollment unit. Additional examination credit hours may be assigned specific curricular programs with the prior approval of the council on academic affairs.
- (2) Examination credit shall not be given to a student for a course in which the student has received a mark at this university for which the student has transfer credit from some other college or university. Conversely, no course for which "EM" credit has been received can be taken later for a grade or credit. No credit points are allowed for courses in which a mark of "EM" is given.

(G) "I"--incomplete

- (1) An "I" indicates that the student has completed a major portion of the work in the course in a satisfactory manner, but for reasons judged by the instructor to be legitimate, a portion of the course requirements remains to be completed.
- (2) The mark "I" shall be reported to the office of the university registrar together with the mark which the university registrar is authorized to enter on the student's official record unless a different mark is reported to the office of the university registrar in the manner and within the time described below.
- (3) The student must complete the work so that the instructor of the course may report the final mark at the earliest possible time, but not later than noon of the sixth Saturday of the quarter following the quarter in which the "I" was received. For legitimate reason the instructor may establish a deadline for the

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

completion of the work which is within the maximum time permitted. Upon petition of the student within this period, the authorized representative of the dean or director of the enrollment unit in which the student was last enrolled after consultation with the instructor of the course, or, if the instructor is unavailable, the chairperson of the department involved, may for good reason allow a student additional time in which to complete the work. Generally, this shall not be longer than the end of the quarter following the quarter in which the "I" was received. Any decision extending the period shall set forth the time in which the student shall complete the work and a copy of the decision shall be forwarded to the office of the university registrar.

- (4) As soon as the incomplete work has been made up, the instructor, or in the case of the instructor's absence from the university, the department chairperson or the director of the school, shall file the proper mark in the office of the university registrar. Until such time as a final mark is recorded the credit for the mark "I" shall be counted as hours only, and shall not be considered in determining a student's point-hour ratio under rule 3335-7-26 of the Administrative Code.
- (5) In no case shall a student who has received the mark "I" be permitted to repeat the course in which such mark was received until such time as the "I" has been removed and then only in such cases as fall within rule 3335-7-28 of the Administrative Code.

**3335-7-22 Report of marks.**

Upon completion of the course requirements, marks for every student shall be reported to the office of the university registrar in accord with deadlines listed in the quarterly master schedule of classes.

**3335-7-23 Alteration of marks.**

- (A) A mark filed in the office of the university registrar is a part of the official records of the university. It is subject to change only when a procedural error has been discovered in evaluation or recording of a grade. Action to change a grade must be initiated before the end of the second succeeding quarter. In no case will a grade be revised in accordance with criteria other than those applied to all students in the class. If the instructor agrees that an error in the mark was made, the mark will be changed upon written authorization of:
  - (1) The instructor of the course,
  - (2) The instructor's department chairperson,
  - (3) The director of the instructor's school, if applicable,
  - (4) The dean of the instructor's college, and

**AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)**

- (5) The authorized representative of the dean or director of the student's enrollment unit.

If a student believes that a procedural error in grading was made, the student should meet with the instructor. If the instructor does not agree that a procedural error was made, the student may meet with the department chairperson to discuss the grade grievance. The chairperson shall respond to the student no later than thirty days after the student has requested a review by the chairperson. Upon receipt of the chairperson's response, if the issue is not resolved to the satisfaction of the student, the student may within two weeks request in writing by duplicate submission to the dean or director of the instruction unit and the department chairperson the procedures in paragraph (B) of this rule. Unresolved cases of grade grievance due to grading procedures are subject to paragraph (B) of this rule; unresolved cases of grade grievance due to other causes are not subject to paragraph (B) of this rule.

- (B) Unresolved cases of grade grievance due to grading procedures shall be reviewed by a faculty departmental committee appointed by the department chairperson.

- (1) In cases of instructors still affiliated with the university, the review committee shall consult both the student and the instructor and shall determine the validity of the grade grievance due to grading procedures. The review committee shall make its findings known in writing to both the student and the instructor within thirty days of the student's request to the chairperson.

If the committee finds that a procedural error has occurred and if the instructor declines to accept the findings of the review committee, the committee shall consider the reasons for not authorizing a grade change given by the instructor and may, upon consideration of these reasons, authorize in writing a grade change to be instituted by the department chairperson.

- (2) In cases of instructors no longer affiliated with the university, the findings of the committee shall be reported to both the student and the instructor. If the instructor chooses not to respond, the judgment of the committee shall prevail. If the instructor responds and declines to accept the findings of the committee that a procedural error has occurred, the committee shall consider the reasons for not authorizing a change given by the instructor. In either case, the committee may, upon due consideration, authorize in writing a grade change (if such can be determined) to be instituted by the department chairperson.

If a department committee can find no academic basis upon which to recommend an appropriate grade for the course, the student shall be given the option of having the course stricken from the student's record and, if so desired, to retake that course without prejudice or penalty.



AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (C) If charges of grave academic misconduct against an instructor are made and substantiated under rule 3335-5-04 of the Administrative Code, the department chairperson shall be authorized to appoint a department grade grievance committee to consider grading errors that are alleged to be related to the misconduct. The committee shall consider all evidence and present, in writing, a report to the chairperson indicating any recommended grade changes. The department chairperson shall be authorized to institute grade changes in accordance with the recommendations of the committee.

If a department committee can find no academic basis upon which to recommend an appropriate grade for the course, the student shall be given the option of having the course stricken from the student's record and, if so desired, to retake that course without prejudice or penalty.

3335-7-32 Withdrawal from courses or from the university.

- (D) After five p.m. of the third Friday of a quarter and until five p.m. of the seventh Friday of a quarter, if a student withdraws from any or all courses which began in the same quarter, the university registrar is authorized to enter the mark "W" on the student's official permanent record for the courses withdrawn.
- (E) After five p.m. of the seventh Friday of the quarter or the second Friday of a summer term, a student who because of circumstances beyond his/her control finds it necessary to withdraw from any or all courses, must file the appropriate petition with the authorized representative of the dean or director of the enrollment unit. Reasons not acceptable include (but are not limited to) the student's performance in the course(s), lack of preparation for the course(s), or dissatisfaction with the subject matter offered in the course(s). If the petition is approved, a copy will be filed with the university registrar who is then authorized to enter the mark "W" on the student's official permanent record and the instructor(s) of the course(s) will be so notified. If the petition is not approved, the student continues to be enrolled in the course(s) and a final mark must be submitted by the instructor(s). Withdrawal from any and all courses shall not be permitted after the last day of regularly scheduled classes except when the student experiences a genuine emergency after the regularly scheduled classes end and prior to sitting for the final examination in a given course or courses.

3335-7-33 Conditions for disenrollment from a course.

- (A) After consultation with the instructor, the chairperson of the instructor's department (or other appropriate administrative official) may disenroll a student from a course if:
- (1) By the third instructional day of the quarter or the second scheduled class session of the course, whichever occurs later, the student fails to attend the scheduled course without giving prior notification to the instructor. In such cases the chairperson (or other appropriate administrative official) shall notify the student's college office. A change ticket removing the course from the

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

student's schedule shall be prepared and copies forwarded to the student and to the office of the university registrar. The student is not relieved of the responsibility for dropping such course in the customary way.

- (2) The student enrolls to audit a course without the instructor's approval, or fails to meet the prerequisites of the course, or fails to demonstrate adequate preparation as provided in rule 3335-7-30 of the Administrative Code. Disenrollment procedures shall be the same as in paragraph (A) (1) of this rule.
- (B) After consultation with the instructor, students in the course, and the student in question, the chairperson (or other appropriate administrative official) may disenroll a student from a course if the student presents a clear and present threat of bodily harm or injury to the instructor or fellow students, or after warning continues to engage in disruptive conduct, either of which results in impairment of teaching or learning processes.
  - (1) If, after attempting to resolve the difficulty by informal means, the department chairperson (or other appropriate administrative official) deems disenrollment necessary, the affected student shall be notified in writing. The notice shall be delivered by hand or sent through ordinary mail to the student at the last address supplied pursuant to rule 3335-9-09 of the Administrative Code. Copies of the disenrollment action shall be sent to the dean of the instructional college, the dean of the student's college, the office of the university registrar, and the office of student affairs.
- (C) For disenrollment, exclusive of audit, under sections (A) and (B) of this rule, the university registrar shall enter on the student's official permanent record:
- (D) If a student who has enrolled to audit a course fails to complete the requirements for audit specified by the instructor and also fails to withdraw from the course, the instructor shall so inform the office of the university registrar when marks are reported for the quarter. That office will then disenroll the student from the course, removing the course from the student's permanent record, and will notify the student and the student's college of the action taken.

3335-9-12 Registration conditional upon payment of fees.

- (A) All quarterly bills, fees, and deposits required from students must be paid at the office of fees and deposits prior to and as a condition of registration for that quarter.

3335-9-14 Time of registration and payment of fees; penalties.

- (A) Payment of fees is required of all students each quarter by the close of business on the date established by the vice provost for student affairs in cooperation with the appropriate offices, and published by the office

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

of the university registrar. This fee payment deadline will apply to the postmark date for fees paid by mail and to the date of receipt for fees paid in person. Failure to meet this requirement will result in a penalty assessment, unless excused by the university registrar or designee.

3335-9-17 Filing registration forms.

All students are required to present their registration forms with course requests each quarter at the time and place announced by the office of the university registrar. Failure to comply with this rule will result in a penalty assessment.

3335-9-171 Additions to approved schedules.

- (D) Because of the accelerated nature of summer-term courses, deadlines for adding these courses are as follows: from the first day of classes until the official closing time on the first Friday of each summer term a student may add a course only with the permission of the instructor (or, with the instructor's concurrence, a representative as appointed by the department) and the approval of the student's enrollment unit. After this date a student wishing to add a summer-term course to the approved schedule must have, in addition, the permission of the instructor's department chairperson or the director of the school (or of the designated representative of the chairperson or the director).
- (E) For courses of shorter duration deadlines and approval procedures will be established by the instructional unit in which the course is offered after consultation with the office of the university registrar.

3335-9-18 Return of fees.

- (D) In order to be eligible for the listed refund, the student must present to the office of fees and deposits--within the time listed above--written permission to withdraw, signed by the dean of the student's college, at which time the student's fee card must be surrendered.
- (E) If exceptional conditions prevent the presentation of the authorization to withdraw at the office of fees and deposits at the proper time, and if the student has not been able to attend classes during this time, the case should be referred for decision to the university registrar or designee.

3335-9-20 Improper admission or registration.

Admission or registration may be cancelled by the director of admissions or the university registrar in cases of improper registration or when false or incomplete information is provided on the application for admission, registration forms, or other official documents. No credits earned subsequent to such cancellation and prior to proper admission or registration shall be entered upon the permanent record of the student. Students whose admission or registration is cancelled are not entitled to any refund of fees.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

3335-9-30 Requirements for an undergraduate baccalaureate degree.

To obtain an undergraduate baccalaureate degree from this university, an undergraduate student must:

- (G) Except for paragraph (B) of this rule, waiver of any part of this rule in the case of individual students may be made only by the council on academic affairs following prior approval by the appropriate executive committee. The vice president for academic affairs and provost shall transmit all affirmative actions of the council on academic affairs under this paragraph to the secretary of the student's college and to the university registrar for notation on the student's permanent record.

3335-9-321 Requirements for certificate of study.

A certificate of study may be awarded concurrent with or following the student's receipt of a baccalaureate degree. Award of such certificates shall attest to demonstrated competence in a coherent academic curriculum, program, or area of study.

- (B) Waiver of any part of this rule in the case of individual students may be made only by the council on academic affairs upon recommendation of the executive committee of the college, colleges, or school. The vice president for academic affairs and provost shall transmit all affirmative actions of the council under this section to the secretary of the student's enrollment unit and to the university registrar for notation on the student's permanent record.

3335-11-06 Student use of university facilities.

- (B) No student, group of students, or registered student organization may announce an activity involving the use of university facilities including outdoor space or may use such facilities for an activity, unless such use has been approved first by the student organizations and activities office and has been scheduled through the office of the university registrar in accordance with rule 3335-13-03 of the Administrative Code.

3335-13-01 Drives and canvassing.

- (A) Canvassing or solicitation for funds, sales, or subscriptions are prohibited on university campuses or in university buildings unless written permission therefor shall first have been granted by the office of the university registrar which may seek recommendation regarding requests for permission from appropriate university offices.
- (B) The sale of merchandise of any kind whatsoever, or publications or services upon university property, other than by the regularly authorized stores, restaurants, departments or divisions of the university, is likewise prohibited except upon written permission of the office of the university registrar which may seek recommendation regarding requests for permission from appropriate university offices. The responsibility and authority of the office of the university registrar under this rule may be delegated by it to a member of the university faculty or staff.

February 3, 1984 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

3335-13-03 University facilities.

- (B) The office of the university registrar shall be responsible for the scheduling of and shall have the necessary authority to schedule all university facilities. No meeting shall be scheduled in or announced for any university facility unless permission to use the facility has been obtained in advance from the office of the university registrar. All requests for the use of university facilities shall indicate the nature of the proposed meeting. If the proposed meeting is one to which a guest speaker is to be invited, the request for the use of university facilities shall indicate the name of the guest speaker and shall be submitted to the office of the university registrar at least two weeks prior to the date the meeting is to be held, but such two-week period may be waived by the office of the university registrar if the exigencies of the situation so require and the orderly scheduling of university facilities would not be unduly prejudiced (see rule 3335-5-06 of the Administrative Code).
- (D) The responsibility and authority of the office of the university registrar under this rule may be delegated by it to a member of the university faculty or of the staff of this university.

NOW THEREFORE

BE IT RESOLVED, That the amendments to rules 3335-3-19, 3335-3-20, 3335-5-37, 3335-5-52, 3335-5-60, 3335-7-13, 3335-7-14, 3335-7-15, 3335-7-16, 3335-7-20, 3335-7-21, 3335-7-22, 3335-7-23, 3335-7-32, 3335-7-33, 3335-9-12, 3335-9-14, 3335-9-17, 3335-9-171, 3335-9-18, 3335-9-20, 3335-9-30, 3335-9-321, 3335-11-06, 3335-13-01, and 3335-13-03 of the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Teaford, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**WAIVER OF PARAGRAPH (G) OF BYLAW 3335-1-08  
OF THE ADMINISTRATIVE CODE**

Resolution No. 84-73

Synopsis: Request to waive paragraph (G) of bylaw 3335-1-08 of the Administrative Code for the naming of the Technical Education Center on the Mansfield Campus.

WHEREAS the Board of Trustees of The Ohio State University did, on January 9, 1976, amend paragraph (G) of bylaw 3335-1-08 of the Administrative Code to state that "buildings and structures shall not be named for any person who is an officer or employee of the University or the State of Ohio, but may be named for a person who has been retired or has otherwise left such a position for a minimum of three years"; and

February 3, 1984 meeting, Board of Trustees

**WAIVER OF PARAGRAPH (G) OF BYLAW 3335-1-08  
OF THE ADMINISTRATIVE CODE (contd)**

WHEREAS the President wishes to recommend that the Technical Education Center on the Mansfield Campus be named to honor Henry R. Fallerius who retired on January 31, 1984 as President of the North Central Technical College:

NOW THEREFORE

BE IT RESOLVED, That the applicable requirements of paragraph (G) of bylaw 3335-1-08 of the Administrative Code be waived so that the Technical Education Center on the Mansfield Campus can be named for an officer or employee of the University or the State of Ohio who has not been retired from such position for three years.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**NAMING OF BUILDING**

Resolution No. 84-74

Synopsis: Naming of building is proposed.

WHEREAS pursuant to authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

WHEREAS the President recommended, with the concurrence of the President's Staff, that the Technical Education Center located on the Mansfield Campus at 2411 Kenwood Circle be named Henry R. Fallerius Technical Education Center, to honor Dr. Fallerius, who has served the college since 1965 and became its first President in July, 1969:

NOW THEREFORE

BE IT RESOLVED, That the above specified building be named Henry R. Fallerius Technical Education Center.

Upon motion of Mr. Berry, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**HONORARY DEGREE**

Resolution No. 84-75

Synopsis: Approval is requested for awarding an honorary degree.

February 3, 1984 meeting, Board of Trustees

### HONORARY DEGREE (contd)

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of an honorary degree as listed below:

Arthur H. Robinson

Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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### PERSONNEL ACTIONS

Resolution No. 84-76

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resumption of Duties of Principal Administrative Official, Change in Title, Reappointment of Principal Administrative Official, Appointment of Department Chairpersons, Medical Staff--Appointments, Medical Staff--Reappointment, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Extension, Leave of Absence Without Salary--Cancellation, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the December 8, 1983 meeting of the Board, including the following Resumption of Duties of Principal Administrative Official, Change in Title, Reappointment of Principal Administrative Official, Appointment of Department Chairpersons, Medical Staff--Appointments, Medical Staff--Reappointment, Leaves of Absence Without Salary, Leaves of Absence Without Salary--Extension, Leave of Absence Without Salary--Cancellation, and Emeritus Titles, as detailed in the University Budget, be approved.

#### Resumption of Duties of Principal Administrative Official

JAMES E. MEEKS, Dean of the College of Law, to resume duties and responsibilities effective January 1, 1984 following recuperation from injuries sustained last fall.

#### Change in Title

Name:	Russell J. Spillman
Title:	Vice Provost for Student Affairs
Office:	Academic Affairs
Effective:	Immediately
Salary:	\$67,680.00
Present Position:	Associate Provost

February 3, 1984 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Reappointment of Principal Administrative Official

FREDERICK W. HEBBARD, Dean of the College of Optometry,  
effective January 1, 1984 through June 30, 1988, pursuant to rule  
3335-3-17 of the Administrative Code.

#### Appointment of Department Chairpersons

July 1, 1983 through June 30, 1987

Art

Charles W. Massey, Jr.

April 1, 1984 through June 30, 1988

Agricultural Economics and  
Rural Sociology

Joseph Havlicek, Jr.

May 1, 1984 through June 30, 1988

Plant Pathology

Charles R. Curtis

#### Medical Staff--Appointments

Effective August 15, 1983

Peter Josef Tutschka, M.D.

Attending Staff in Hematology; Professor

Effective January 1, 1984

Albert C. Clairmont, M.D.

Transfer from Limited Staff to Attending Staff in Physical Medicine  
and Rehabilitation; Clinical Assistant Professor

Christopher J. Sutton, M.D.

Limited Staff in Anesthesiology; Clinical Instructor HS

William R. Thompson, M.D.

Courtesy Staff in General Medicine; Clinical Associate Professor

Peter J. Wilson, M.D.

Limited Staff in Anesthesiology; Clinical Instructor HS

Effective January 3, 1984

Robert M. Gougelet, M.D.

Limited Staff in Family Medicine; Clinical Instructor HS

Effective January 10, 1984

Curtin G. Kelley, M.D.

Attending Staff in Ophthalmology; Assistant Professor



February 3, 1984 meeting, Board of Trustees

#### PERSONNEL ACTIONS (contd)

##### Medical Staff--Reappointment

Effective July 1, 1983

Paul D. Redmond, M.D.

Courtesy Staff in General Surgery

##### Leaves of Absence Without Salary

KELSO L. WESSEL, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective January 1, 1984 through April 30, 1984, to accept a Visiting Professorship at the University of Florida.

CIRIYAM JAYAPRAKASH, Assistant Professor, Department of Physics, effective February 28, 1984 through March 25, 1984, to enable him to do collaborative research at IBM, T. J. Watson Research Center.

PAUL J. QUIRK, Assistant Professor, Department of Political Science, effective Winter Quarter and Spring Quarter, 1984, to serve as a Staff Associate at the Brookings Institution.

##### Leaves of Absence Without Salary--Extension

GEORGE J. DEMKO, Professor, Department of Geography, effective Autumn Quarter 1983 and Winter Quarter 1984, extension through Summer Quarter 1985, to continue as Program Director for Geography and Regional Science at the National Science Foundation.

ANDRES DEL JUNCO, Associate Professor, Department of Mathematics, effective January 1, 1983 through December 31, 1983, extension through June 30, 1984, to either extend his stay at Amsterdam or accept a visiting position at the University of Maryland.

##### Leave of Absence Without Salary--Cancellation

STEPHEN BUSER, Associate Professor, Academic Faculty of Finance, Leave of Absence effective Winter Quarter and Spring Quarter 1984, cancel Winter Quarter 1984 only.

##### Emeritus Titles

DESMOND L. COOK, Department of Educational Theory and Practice, with the title Professor Emeritus, effective February 1, 1984.

STEFAN DROBOT, Department of Mathematics, with the title Professor Emeritus, effective February 1, 1984.

DANIEL HOWLAND, Academic Faculty of Management Sciences, with the title Professor Emeritus, effective January 1, 1984.

February 3, 1984 meeting, Board of Trustees

#### PERSONNEL ACTIONS (contd)

##### Emeritus Titles (contd)

MELVIN K. KRILL, Cooperative Extension Service, with the title Professor Emeritus, effective January 1, 1984.

DONALD G. LUX, Department of Educational Theory and Practice, with the title Professor Emeritus, effective February 1, 1984.

RICHARD O. MOORE, Department of Biochemistry, with the title Professor Emeritus, effective February 1, 1984.

RANDALL R. REED, Department of Animal Science, with the title Professor Emeritus, effective December 1, 1983.

MELVIN S. RHEINS, Department of Microbiology, with the title Professor Emeritus, effective February 1, 1984.

RICHARD L. RUDY, Department of Veterinary Clinical Sciences, with the title Professor Emeritus, effective February 1, 1984.

WILLIAM B. SHOOK, Department of Ceramic Engineering, with the title Professor Emeritus, effective January 1, 1984.

PAUL GOTTWALD, Department of German, with the title Associate Professor Emeritus, effective July 1, 1984.

ROBERTA A. GARRETT, University Libraries, with the title Assistant Professor Emeritus, effective February 1, 1984.

CHARLES E. BILLINGS, Department of Preventive Medicine, with the title Clinical Professor Emeritus, effective October 1, 1983.

WILEY L. FORMAN, Department of Medicine, with the title Clinical Professor Emeritus, effective January 1, 1984.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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#### EARLY RETIREMENT INCENTIVE PROGRAM

Resolution No. 84-77

Synopsis: Early Retirement Incentive Program is proposed.

WHEREAS in July 1983, the Ohio General Assembly enacted Amended Substitute House Bill 410 which became effective on October 7, 1983, enabling universities and colleges to establish retirement incentive plans for individuals at their respective institutions who are members of the State Teachers Retirement System (STRS); and

February 3, 1984 meeting, Board of Trustees

#### EARLY RETIREMENT INCENTIVE PROGRAM (contd)

WHEREAS The Ohio State University desires to adopt such a retirement incentive plan in order to provide more flexibility in its long term planning for its academic human resource needs:

NOW THEREFORE

BE IT RESOLVED, That effective April 15, 1984, and continuing for one year thereafter, the University will purchase service credit, in one year increments, for eligible STRS members electing to retire under this plan, and further that the amount of service credit purchased shall not exceed the lesser of three years or one-fifth of the individual's total service credited by STRS as of the date the eligible STRS member elects to participate in this plan; and

BE IT FURTHER RESOLVED, That to be eligible, all members must be members of STRS and must have attained the age of fifty (50) and be currently eligible to retire or eligible to retire after including the years of service credit to be purchased under the plan; and

BE IT FURTHER RESOLVED, That the maximum number of eligible members under this plan will be limited to five percent (5%) of the total number of individuals at the University who are members of STRS as of January 1, 1984, and further that if the total number of persons applying for this program exceeds the five percent (5%) maximum, then approval for participation will be determined in accordance with Section 3307.35; and

BE IT FURTHER RESOLVED, That those individuals who are eligible and approved for participation in this plan must retire within ninety (90) days of notification that additional service credit has been purchased; and further that those individuals who retire under this plan will not be eligible for participation in any other supplemental or early retirement program previously established by the University; and

BE IT FURTHER RESOLVED, That the President and/or the Vice President for Personnel Services are hereby authorized to notify the State Teachers Retirement System on the official form approved by that agency of The Ohio State University's election to participate in a retirement incentive plan in accordance with Section R.C. 3307.35 and the terms of this resolution.

Upon motion of Mr. Redman, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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#### RESOLUTIONS IN MEMORIAM

Resolution No. 84-78

Synopsis: Resolutions honoring the service of seven of the University's faculty members who have recently died are being proposed.

February 3, 1984 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

#### William M. Drenten

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 13, 1984, of William M. Drenten, Assistant Professor in the School of Journalism.

William M. Drenten was born January 7, 1926, in Grand Rapids, Michigan. He received the B.A. degree from Otterbein College in 1951. He began his professional career in news as a reporter and cameraman for WBNS-TV, Columbus, Ohio in 1951, working in that capacity until 1958 at which time he became news director for the television station. During the next two years he worked as a stringer for CBS, NBC and Sportlite, Inc. and during the period 1964 to 1968 he worked as state supervisor of the NBC Ohio Election Unit. In 1959 he joined the faculty of the School of Journalism as an assistant professor of broadcast news and continued in that position until his death. He was a veteran of the U. S. Navy, having served during World War II, from 1943 to 1946.

Professor Drenten was active with the Boy Scouts of America and was awarded its highest honor for leadership, the Silver Beaver Award. He was known for his close ties with students in the classroom, in the laboratory, and in serving them through academic and career counseling. He was an effective and conscientious teacher.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

#### Marion T. Gatrell

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 21, 1984 of Marion T. Gatrell, Associate Professor Emeritus in the Department of Art.

Marion T. Gatrell was born November 13, 1909 in Columbus, Ohio. She received her M.A. degree from The Ohio State University in 1932. Professor Gatrell served as Director of Art at Otterbein College from 1932 to 1938. In 1943, while he served in World War II, Mrs. Gatrell replaced her husband, Robert, as a faculty member at The Ohio State University. From 1947 when her husband returned until 1966, Professor Gatrell managed the first advising office for The Ohio State University School of Art. She then returned to full-time teaching until her retirement in 1976.

February 3, 1984 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Marion T. Gatrell (contd)

Professor Gatrell was listed in Who's Who in American Art, Who's Who of American Women, Who's Who in the Midwest, and WORLD Who's Who of Women (1974). Her best known exhibition was in the International Women's Competition in Cannes, France in 1968. One of her paintings was chosen for the cover of the French magazine, *La Revue Moderne*.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Norman Levine

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 28, 1983 of Norman Levine, Professor in the Department of Mathematics.

Professor Levine was born in Cleveland, Ohio on November 22, 1923, and was educated in the public schools of that city. He served as a Weather Officer in the Army Air Corps during the Second World War. He graduated from Western Reserve University in June 1947 with a B.S. in Mathematics. He received his M.A. degree in August 1948 and his Ph.D. degree in August 1951, both in Mathematics from The Ohio State University. He was a Teaching Assistant here from 1947 through 1949 and an Instructor from 1950 through 1952. Professor Levine then worked as a Mathematician for the Department of Defense until 1953, when he accepted a position as Assistant Professor of Mathematics at the University of Pittsburgh. He was promoted to the rank of Associate Professor in 1956. He returned to The Ohio State University in 1960 and was promoted to the rank of Professor in 1965.

Professor Levine was a member of the Mathematical Association of America. He was the author of over sixty mathematical research papers, mainly in the field of point set topology. He directed more than twenty Ph.D. dissertations. He prepared meticulously both for his classroom teaching and for his coordination of large enrollment courses. He served on every important departmental committee, displaying sensitivity and flawless judgement.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

James T. McDonough

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 21, 1984, of James T. McDonough, Assistant Track Coach and Head Coach of Cross Country.

February 3, 1984 meeting, Board of Trustees

### RESOLUTIONS IN MEMORIAM (contd)

James T. McDonough (contd)

James T. McDonough was born January 28, 1933. A native of Cleveland, Ohio, he graduated from Cathedral Latin High School in 1951. For the next five years, he divided his time as a part-time college student at John Carroll University and as a professional baseball player in the Pittsburgh Pirates organization. In 1956, he gave up baseball and received a B.S. degree in Social Science at John Carroll.

In 1956, Mr. McDonough joined the faculty of St. Joseph's High School in Cleveland as a teacher and as track coach. During this period he entered graduate school on a part-time basis and completed work for an M.A. degree in Physical Education at Western Reserve University in 1959. In 1963, Mr. McDonough became Athletic Director at St. Joseph's High School and remained in that capacity until 1967, when he went to Kent State University as Assistant Professor in Health and Physical Education, in addition to serving as Assistant Track Coach.

He went to the State University of New York at Buffalo in 1972 as Head Track Coach, where he remained until joining the athletic staff at The Ohio State University, December 1, 1975.

Mr. McDonough served as Assistant Track Coach at Ohio State. He was named Head Coach of Cross Country in 1976. A devoted student of the sport of track and field, he especially enjoyed the challenge of coaching distance runners. He worked with each runner individually, breaking down each event into component distances and then calculating desired times for each segment. He spent countless hours working with runners, encouraging and prodding them to improve their times.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Steven W. Vrba

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 20, 1984, of Steven W. Vrba, Assistant Professor in the Department of Theatre.

Steven Wayne Vrba was born April 17, 1956 in Peru, Illinois, and grew up in Grand Rapids, Michigan. He received the B.A. degree in Theatre Design from Purdue University in 1978 and the M.F.A. degree in Theatre Technology from the University of Missouri at Kansas City, 1981. He served as Technical Director of Theatre at Carnegie-Mellon University, 1981-1982. He served as Assistant Technical Director for the Missouri Repertory Theatre, Kansas City, in the summers of 1981 and 1982 and as Sound Designer there from 1979 to 1981. Professor Vrba worked in theatre production at Aquinas College and Opera Association of Western Michigan in Grand Rapids, and at the National Music Camp at Interlochen.

February 3, 1984 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Steven W. Vrba (contd)

Professor Vrba joined The Ohio State University Department of Theatre in the autumn of 1982 as Production Manager and Assistant Professor in theatre technology. A specialist in theatre sound, he was creating a unique educational training program in that area at The Ohio State University. He was an exceptional young theatre educator and represented the best of what one should be as a university professor teaching the artists of tomorrow.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Robert L. Wills

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 16, 1984, of Robert L. Wills, Professor Emeritus of the College of Law.

Robert L. Wills was born in Omega, Ohio, on July 3, 1910. He received a B.A. degree from The Ohio State University in 1931 and a J.D. degree in 1934. He earned both Phi Beta Kappa and Order of the Coif. He was associated with the Cleveland, Ohio, firm of Thomson, Hines and Flory between 1934 and 1937 and was engaged in law practice in Chillicothe, Ohio, between 1937 and 1944. During World War II he served on active duty with the United States Naval Reserves. Professor Wills joined The Ohio State University College of Law in 1946 as an Associate Professor, was made a Professor in 1952, and served as Director of the College's Legal Clinic from 1947 to 1955. In 1979, Professor Wills was named the first recipient of the C. William O'Neill Professorship in Law. While at Ohio State, he taught courses in civil procedure, pleading, federal courts, decedents' estates, and jurimetrics. He was also instrumental in designing and implementing the computer-based statistical program governing the admissions and grading policies at the College of Law. Even after his retirement from the law school faculty in 1981, Professor Wills served as a computer consultant to the law school and continued to teach decedents' estates as an Adjunct Professor.

Professor Wills made enormous contributions to the legal profession and law reform. He was a consultant to the Advisory Committee to the Ohio Supreme Court that modernized the Ohio Rules of Civil Procedure, a member of the Probate Reform Committee in Columbus and the Ohio Judicial Council, and he worked actively with the Ohio State Bar Association Committee on Judicial Administration and Law Reform. He also worked actively with several bar associations, including relevant committees of the American Bar Association, the Ohio Bar Association, the Columbus Bar Association, the Association of Trial Lawyers of America, the American Judicature Society, and the Association of American Law Schools. He lectured often to lawyers. Professor Wills also made enormous contributions through his scholarship. He published two books: Materials on Ohio and Federal Pleading (1958), and Materials on the

February 3, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert L. Wills (contd)

Administration of Decedents' Estates (1962, and revised periodically). Among his many law journal articles are several significant ones in The Ohio State Law Journal.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Clara R. Rader

As a special note, the University and the Board of Trustees express their sorrow on learning of the death on January 27, 1984, of CLARA R. RADER. A graduate with two degrees from The Ohio State University, she was a member of the faculty in physical education from 1919 to 1923. Mrs. Rader was the first woman to receive the University's Distinguished Service Award from the Board of Trustees. The award was granted to Mrs. Rader in 1954, soon after the inception of the Distinguished Service Award program. During her life she was very active in alumni affairs, serving as a member of the Alumni Advisory Board for several years. In 1953 she received the Alumnae Council's Woman of Achievement citation.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-79

Synopsis: The reports on contracts, grants, and gifts and the summaries for November and December 1983 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the months of November and December 1983, be approved.

Upon motion of Mr. Immke, seconded by Mr. Redman, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.



February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR NOVEMBER 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	63	\$5,999,150.00
Engineering Experiment Station	33	\$ 95,150.00
		\$6,094,300.00
The Ohio State University Development Fund		
Establishment of Named Funds		
Roberta B. Nicholson Loan/ Scholarship Fund (Scholarships or Loans - Mechanical Engineering)		\$ 47,674.43
Donna M. Noland Scholarship Fund (Undergraduate scholarships - music or the health sciences, including nursing)		\$ 20,000.00
Raymond J. Burns Scholarship Fund in Law (College of Law)		\$ 11,000.00
Judith Brown Washburn Memorial Scholar- ship Fund (Scholarships - undergraduate)		\$ 6,255.00
Physics Education Advancement Fund (Recognition Awards)		\$ 5,869.29
Bergen Brunswig Scholarship Fund (Scholarship - College of Pharmacy)		\$ 5,000.00
Charles A. Turner Scholarship Fund (Scholarships - Graduate Program in Hospital and Health Services Administration)		\$ 5,000.00

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR NOVEMBER 1983 (contd)

The Ohio State University Development Fund (contd)

Report from Presidents Club

Members to date	4,641
1983 members: year to date	114
New members - November 1983	6

New Presidents Club Members - November 1983

Virginia C. Christman  
Frederic C. Henry  
Andrew B. Shoup

James F. Turner  
Warren G. Weiler  
Beverly A. Cochran

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR DECEMBER 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	74	\$5,152,202.26
Engineering Experiment Station	35	\$ 309,003.00
		\$5,461,205.26

The Ohio State University Development Fund

Establishment of Named Funds

The Coy Heart Research Fund in the College of Medicine (College of Medicine, Division of Cardiology)	\$ 7,813.19
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The Carl F. Ruff Memorial Fund (Scholarships - College of Agriculture and support of International Four-H Youth Exchange Program)	\$ 6,325.00
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Jane Mears Lewis Memorial Scholarship Fund (Scholarship(s) - College of Home Economics or the College of Agriculture)	\$ 6,137.50
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The Doctor Marvin Arthur Korbin Endowment Fund in the College of Medicine (Scholarships - College of of Medicine)	\$ 5,000.00
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Change of Name and Description of Named Fund

From: Mervin G. Smith International  
Scholarship Fund in Agriculture,  
Home Economics and Natural Resources

To: Mervin G. Smith International Scholar-  
ship Fund in Agriculture

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR DECEMBER 1983 (contd)

The Ohio State University Development Fund (contd)

Report from Presidents Club

Members to date	4,657
1983 members: year to date	131
New members - December 1983	17

New Presidents Club Members - December 1983

Charles H. Ave	Ronald E. Hodges
Walter R. Chambers, Jr.	Robert I. Howlett
Conrad W. de Fiebre	Jane Glosser Hubert
Donald D. Doty	Richard F. Noland
Thomas A. Fawcett	James S. Nordholt, Jr.
Richard W. Gast	A. Kenneth Pierce, Jr.
Charles W. Gilchrist, Jr.	Lance W. Schneier
Marilyn Griffin	Georgia Teteris
Madge Cooper Guthery	

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1983 through December 31, 1983

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Awards	Amount of Support
FEDERAL		
National Aeronautics and Space Administration	9	\$ 578,540.00
National Science Foundation	18	760,674.00
Department of Defense	17	2,059,684.00
Department of Energy	4	665,096.00
Department of Education	10	1,655,948.00
Department of Health and Human Services	42	4,356,484.00
Other Federal	18	784,674.00
TOTAL - FEDERAL	118	\$10,861,100.00
STATE OF OHIO	13	356,414.37
INDUSTRIAL	26	1,013,642.04
OTHER NON-FEDERAL	52	3,103,252.32
GRAND TOTAL	209	\$15,334,408.73

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1983 through December 31, 1983

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Awards	Amount of Support
INDUSTRIAL AND OTHER	94	\$ 519,734.00
TOTAL	94	\$ 519,734.00

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

July through November, 1982 and 1983  
THE OHIO STATE UNIVERSITY DEVELOPMENT FUND  
CONTRIBUTIONS BY SOURCE

	Donors			Dollars		
	July through 1982	November 1983	% Change	July through 1982	November 1983	% Change
Alumni	12,251	22,376	83	\$4,103,528	\$2,534,182	(38)
Non-Alumni	8,045	11,236	40	1,295,955	3,385,822	161
Corporations	552	828	50	1,495,221	1,834,090	23
Corporate Foundations	129	164	27	624,032	855,647	37
Private Foundations	46	55	20	223,255	309,497	39
Other Organizations	265	447	69	442,866	476,996	8
Total	21,288	35,106	65	\$8,184,857	\$9,396,234	15

CONTRIBUTIONS BY TYPE

	July-November 1982	July-November 1983	% Change
Designated			
Discretionary	\$3,870,840	\$6,393,376	65
Deferred Maturities	395,599	562,115	42
Gifts-In-Kind	2,116,163	1,717,600	(19)
	1,802,255	723,143	(60)
Total	\$8,184,857	\$9,396,234	15
Gifts (# of)	24,251	40,793	68

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - November 1983

Federal Research Contracts/Grants

\$980,835.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. B. Malarkey), 1 December 1983 through 30 November 1984. (Project 761196 - Continuation)

\$399,819.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program, Department of Electrical Engineering, ElectroScience Laboratory (L. J. Peters and J. D. Young), 1 October 1983 through 30 September 1984. (Project 760914 - Continuation)

\$242,828.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Microstructure Development and Failure Mechanisms of Ceramic Capacitor Dielectrics, Department of Ceramic Engineering (D. W. Readey), 1 October 1983 through 30 September 1984. (Project 763540 - Continuation)

\$200,948.00 - Department of Education, Office of Vocational and Adult Education, Washington, D. C., Feasibility Study to Improve Vocational Education through Strengthened Linkages with Organized Labor, The National Center for Research in Vocational Education (R. E. Taylor), 3 October 1983 through 31 January 1984. (Project 763861 - New)

\$149,944.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Study of Biologically Active Microbial Metabolites, Department of Chemistry (H. G. Floss), 1 December 1983 through 30 November 1984. (Project 763393 - Continuation)

\$141,575.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates, Department of Chemistry (D. Horton), 1 December 1983 through 30 November 1984. (Project 760025 - Continuation)

\$133,360.00 - National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Marshall Space Flight Center, Alabama, Development of a Coaxial Viewing and Vision System for Gas Tungsten Arc Welding, Department of Welding Engineering (R. W. Richardson), 1 December 1983 through 30 November 1984. (Project 763891 - New)



February 3, 1984 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$123,285.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Comparative Studies of Perinatal Toxicology, Department of Veterinary Physiology and Pharmacology (R. A. Yeary and D. R. Davis) and Department of Dairy Science (T. W. Beck), 1 December 1983 through 30 November 1984. (Project 762962 - Continuation)

\$120,052.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Non-Nitrogen Containing Dopamine Agonists, College of Pharmacy (D. D. Miller and N. J. Uretsky), 1 December 1983 through 30 November 1984. (Project 762967 - Continuation)

\$113,100.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biosynthesis of Riboflavin and Related Compounds, Department of Chemistry (H. G. Floss), 1 December 1983 through 30 November 1984. (Project 763879 - New)

\$104,572.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomimetic Metal Complexes of Macrocyclic Ligands, Department of Chemistry (D. H. Busch), 1 December 1983 through 30 November 1984. (Project 761501 - Continuation)

\$96,000.00 - Department of the Army, Army Materials Development Readiness Command, Fort Monmouth, New Jersey, Computer Communication Protocols for Advanced Communication Systems, Department of Computer and Information Science (M. T. Liu), 13 October 1983 through 15 March 1985. (Project 763631 - Continuation)

\$90,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Documentation of Ice Shapes for the Helicopter Icing and Flight Test Program, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 28 December 1983 through 28 September 1984. (Project 763362 - Continuation)

\$80,400.00 - Department of Energy, Argonne, Illinois, Influence of Nitrogen on the Sensitization, Corrosion Mechanical and Microstructural Properties of Austenitic Stainless Steels, Department of Metallurgical Engineering (W. A. Clark, D. D. Macdonald and S. Pednekar), 15 November 1983 through 14 November 1984. (Project 762818 - Continuation)

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$69,600.00 - Department of Education, Office of Educational Research and Improvements, Washington, D. C., P-1, Schooling Effectiveness Project, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1983 through 30 November 1983. (Project 763385 - Continuation)

\$69,493.00 - Nuclear Regulatory Commission, Washington, D. C., The Development of a Recommendation for Periodic Surveillance of the Response of Neutron Sensors Used in Nuclear Power Reactor Protection Systems, Engineering Experiment Station (D. W. Miller), 1 November 1983 through 30 October 1984. (Project 763291 - Continuation)

\$66,200.00 - National Science Foundation, Washington, D. C., Microcracking in Two Phase Ceramics, Department of Ceramic Engineering (K. T. Faber), 15 November 1983 through 14 November 1984. (Project 763875 - New)

\$64,991.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Tailored Airfoils for Wind Turbine Applications, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 30 November 1983 through 30 June 1984. (Project 763285 - Continuation)

\$62,931.00 - National Foundation of Arts and Humanities, National Endowment for the Humanities, Washington, D. C., War and Peace: The Novel as a Total Experience--Summer Seminar for High School Students, Department of Slavic and East European Languages and Literatures (F. R. Silbajoris), 1 October 1983 through 30 September 1984. (Project 763880 - New)

\$46,652.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Computerized Film Analysis for 3D Trajectory Estimation, Department of Electrical Engineering (H. N. Hemami), 1 October 1983 through 30 September 1984. (Project 763840 - New)

\$45,000.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D. C., Effects of Assuming Independent Component Failure Times if They Are Actually Dependent in a Series System, Department of Preventive Medicine (M. Moeschberger) and Department of Statistics (J. Klein), 1 October 1983 through 30 September 1984. (Project 763265 - Continuation)

\$42,500.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Load Distribution Measurement, Department of Mechanical Engineering (H. R. Busby), 1 October 1983 through 30 September 1984. (Project 763873 - New)

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$35,000.00 - National Science Foundation, Washington, D. C., Comparative Root Structure of Plants, Department of Botany (R. D. Warmbrodt), 1 November 1983 through 31 October 1984. (Project 762885 - Continuation)

\$29,500.00 - National Science Foundation, Washington, D. C., Mathematical Sciences: Hierarchical Models in Bayesian Analysis and Statistical Aspects of Merging Data Files, Department of Statistics (P. K. Goel), 15 October 1983 through 31 October 1984. (Project 763877 - New)

\$20,890.00 - National Science Foundation, Washington, D. C., Orthogonal Polynomials and Interpolation, Department of Mathematics (P. Nevai), 1 November 1983 through 31 May 1985. (Project 763583 - Continuation)

\$18,282.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Side Impact Procedure Development, Department of Mechanical Engineering (D. A. Guenther), 1 December 1983 through 31 March 1984. (Project 763399 - Continuation)

\$10,214.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine - Administration (R. A. Wright), 1 April 1983 through 31 March 1984. (Project 762776 - Continuation)

\$8,988.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Optical Flow and Texture Variables Useful in Determining and Guiding Self Motion, Department of Psychology (D. H. Owen), 1 October 1983 through 15 January 1984. (Project 763524 - Continuation)

\$7,300.00 - Department of Education, Office of Educational Resources and Improvements, Washington, D. C., Operation of an Educational Resources Information Center (ERIC) Clearinghouse on Science, Mathematics and Environmental Education, Department of Educational Theory and Practice (R. W. Howe), 1 November 1983 through 30 September 1984. (Project 763390 - Continuation)

\$7,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, A Search for Molecular Absorption Features in the Photospheric Spectra of Cool Stars, Department of Astronomy (R. F. Wing), 1 December 1983 through 31 May 1984. (Project 761634 - Continuation)

February 3, 1984 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Federal Research Contracts/Grants (contd)**

\$2,832.00 - National Science Foundation, Washington, D. C., Morphology of the Blood and Bone Marrow of the Penguins of South America and Antarctica: A Light and Electron Microscopic Study, Institute of Polar Studies (D. H. Elliot), 1 October 1983 through 31 December 1983. (Project 763820 - New)

\$880.00 - Department of Health and Human Services, Public Health Service, Center for Disease Control, Atlanta, Georgia, Isometric vs. Isokinetic Back Lifting Performance, Department of Industrial and Systems Engineering (W. S. Marras), 1 July 1983 through 30 June 1984. (Project 763720 - Continuation)

**TOTAL - FEDERAL AWARDS**

**\$3,584,971.00**

**State of Ohio Research Contracts/Grants**

\$50,000.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Deinstitutionalization Task Force Implementation, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 December 1983 through 30 September 1984. (Project 763871 - Continuation)

\$41,396.00 - State of Ohio, Rehabilitation Services Commission, Columbus, Ohio, Acquisition of Equipment to Evaluate the Driving Potential of the Severely Handicapped, University Hospitals (G. J. Pogan), 26 September 1983 through 30 September 1984. (Project 763898 - New)

\$1,000.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, The OSU Center for the Visual Arts: An Exhibition of the Architectural Competition, College of The Arts - Administration (J. W. Green), 1 July 1983 through 30 June 1984. (Project 763896 - New)

\$150.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Marketing the Arts, College of The Arts - Administration (A. J. Broekema), 13 December 1983 through 15 December 1983. (Project 763893 - New)

**TOTAL - STATE OF OHIO AWARDS**

**\$ 92,546.00**

**Industrial Research Contracts/Grants**

\$87,250.00 - Tominy Incorporated, Cincinnati, Ohio, Software Development Program, Academic Faculty of Accounting (J. S. Cunyningham), 1 November 1983 through 31 December 1983. (Project 763552 - Continuation)

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$70,000.00 - CeramPhysics, Inc., Westerville, Ohio, Study of High Magnetic Fields in Ceramic Composites, Department of Physics (B. R. Patton), 1 September 1983 through 31 August 1985. (Project 763895 - New)

\$67,685.00 - Rockwell International, Los Angeles, California, Design of an Airfoil-Type Position Tower, Department of Electrical Engineering, ElectroScience Laboratory (L. J. Peters), 16 February 1983 through 31 December 1983. (Project 763876 - New)

\$54,985.00 - Teledyne, Inc., Albany, Oregon, Nodular Corrosion of Zircalloys in High Temperature Steam, Department of Metallurgical Engineering (D. D. Macdonald and G. A. Cragnolino), 1 October 1983 through 30 September 1984. (Project 763881 - Continuation)

\$30,000.00 - Brunswick Corporation, Marion, Virginia, Metallic Radome Design and Test, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 14 October 1983 through 31 March 1984. (Project 763594 - Continuation)

\$20,922.00 - Price Waterhouse and Company, Washington, D. C., ARAMCO Training Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1983 through 9 December 1983. (Project 763094 - Continuation)

\$20,000.00 - Union Carbide Corporation, Oak Ridge, Tennessee, Hypereutectic Heat Storage Shot, Department of Metallurgical Engineering (C. E. Mobley, Jr. and R. A. Rapp), 1 October 1983 through 31 January 1984. (Project 763884 - New)

\$8,237.00 - Bristol Laboratories, Syracuse, New York, Cefadroxil and Cephalixin Comparative Pharmacokinetic Study in the Horse, College of Veterinary Medicine - Administration (R. A. Sams), 1 November 1983 through 29 February 1984. (Project 763900 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 359,079.00

Other Non-Federal Research Contracts/Grants

\$1,437,000.00 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 September 1983 through 31 August 1984. (Project 763289 - Continuation)

\$115,932.00 - University of Cincinnati, Cincinnati, Ohio, Area Health Education Center Program, College of Medicine - Administration (G. L. Trzebiatowski and M. Tzagournis), 1 October 1983 through 30 September 1984. (Project 763826 - Continuation)

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$60,336.00 - United Tribes Educational Technical Center, Bismarck, North Dakota, Strategies for Linking Vocational Education Programs to Tribal Economic Plans, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 30 September 1984. (Project 763872 - New)

\$52,546.00 - University of Connecticut, Storrs, Connecticut, An Investigation on Suspended Material Transport in Central Long Island Sound, Department of Civil Engineering (K. W. Bedford), 1 August 1983 through 31 July 1984. (Project 763780 - New)

\$50,386.00 - Grant (W. T.) Foundation, New York, New York, Toward a Holistic Understanding of Adolescents' Social Relations, Department of Psychology (D. A. Blyth), 1 October 1983 through 31 March 1985. (Project 763897 - New)

\$36,220.00 - University Corporation for Atmospheric Research, Boulder, Colorado, Cooperative Radar Polarimetric Studies Utilizing the NCAR (National Center for Atmospheric Research) CP-2 Radar System, Department of Electrical Engineering (T. A. Seliga), 1 November 1983 through 31 October 1984. (Project 763878 - New)

\$31,000.00 - Electric Power Research Institute, Palo Alto, California, Simultaneous Chromizing-Aluminizing of Steels, Department of Metallurgical Engineering (R. A. Rapp), 1 January 1984 through 31 August 1984. (Project 763292 - Continuation)

\$30,000.00 - University Affiliated Cincinnati Center for Developmental Disorders, Cincinnati, Ohio, Prevention Continuing Education in Rural Areas, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1983 through 30 September 1984. (Project 763892 - New)

\$25,214.00 - Upper Arlington City Schools, Upper Arlington, Ohio, Upper Arlington-Ohio State Middle School Project, Department of Human Services Education (J. J. Quaranta) and School of Health, Physical Education, and Recreation (A. C. Taggart), 1 September 1983 through 1 June 1984. (Project 763894 - New)

\$22,000.00 - Eleven Members of the National Alliance of Post-secondary Education Institutions/Districts, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 June 1984. (Project 763548 - Continuation)

\$20,250.00 - Upper Arlington City Schools, Upper Arlington, Ohio, Upper Arlington Career Education Intern Project, Department of Human Services Education (J. J. Quaranta), 1 September 1983 through 1 June 1984. (Project 763883 - Continuation)

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$19,602.00 - University of New Mexico, Albuquerque, New Mexico, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 30 September 1984. (Project 763882 - New)

\$16,068.00 - Exxon Education Foundation, New York, New York, Monograph on Book on Reflective Teaching, Department of Educational Theory and Practice (D. J. Cruickshank), 1 October 1983 through 30 September 1984. (Project 763869 - New)

\$12,000.00 - Research Corporation, Tucson, Arizona, Selectivity in the Hydrolysis of Ribonucleosides via Artificial Enzymes, Department of Chemistry (A. W. Czarnik), 1 December 1983 through 30 November 1984. (Project 763889 - New)

\$10,000.00 - Research Corporation, Tucson, Arizona, Study of Structure and Catalytic Function of Transition Metal Complexes in Zeolites Using Electronic and Raman Spectroscopy, Department of Chemistry (P. K. Dutta), 1 September 1983 through 31 May 1984. (Project 763890 - New)

\$10,000.00 - University Affiliated Cincinnati Center for Developmental Disorders, Cincinnati, Ohio, Prevention Continuing Education in Rural Areas, College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1983 through 30 September 1984. (Project 763887 - New)

\$5,000.00 - Columbus Foundation, Columbus, Ohio, Alfred L. Willson Conference Planning Grant, Department of Educational Policy and Leadership (L. L. Cunningham), 1 November 1983 through 31 October 1984. (Project 763899 - Continuation)

\$5,000.00 - Robert L. Letcher, M.D., New York, New York, Studies of Enzymatic Effects on Blood Protein Concentrations, College of Pharmacy (J. W. Williams), 18 November 1983 through 31 May 1984. (Project 763565 - Continuation)

\$4,000.00 - Battelle Memorial Institute, Columbus, Ohio, LISP Procedures and Protocols, Department of Computer and Information Science (B. Chandrasekaran), 26 September 1983 through 30 December 1983. (Project 763885 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$1,962,554.00

February 3, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### ENGINEERING EXPERIMENT STATION

#### Industrial and Other Sponsored Research and Development

\$47,091.00 - Battelle Columbus Laboratories, Columbus, Ohio, "Turbulence Suppression in a Hydrocyclone Classifier", Department of Chemical Engineering, 1 October 1983 through 30 September 1985. (529642)

\$14,968.00 - Monsanto Research Corporation, Miamisburg, Ohio, "Study Laser Weldability Test Development", Department of Welding Engineering, 1 October 1983 through 31 December 1984. (529643)

\$33,091.00 - from various industry for 31 development projects under the direction of four engineering departments.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH      \$    95,150.00

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Establishment of Named Funds

##### Roberta B. Nicholson Loan/Scholarship Fund

The Roberta B. Nicholson Loan/Scholarship Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Roberta B. Nicholson, Jenkintown, Pennsylvania.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this fund shall be used to provide scholarships or loans to worthy and intelligent students who are mechanically inclined and desire to study Mechanical Engineering at The Ohio State University. Each of the selected students must have demonstrated a need for financial assistance. The selection of recipients and the determination of the type of assistance granted shall be made by the Chairman of Mechanical Engineering in cooperation with the Director of Student Financial Aids.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Engineering education.

##### Donna M. Noland Scholarship Fund

The Donna M. Noland Scholarship Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in honor and memory of Donna M. Noland.



February 3, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Donna M. Noland Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance for undergraduate students who are pursuing a career in music or the health sciences, including nursing. The selection of the recipient(s) will be made upon the recommendation of the University Scholarship Committee. Preference is to be given to students who are graduates of Big Walnut High School or from rural Delaware County, Ohio. All recipients will have demonstrated academic ability and/or need for financial assistance.

Should the need for such scholarship assistance cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative officials of the University who are then directly responsible for music and/or health education.

##### Raymond J. Burns Scholarship Fund in Law

The Raymond J. Burns Scholarship Fund in Law was established February 3, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from William J. Burns, Chicago, Illinois, in memory of his father, Raymond J. Burns.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income from this Fund will be used for financial aid to law students of merit who have demonstrated financial need. To be considered for an award from this Fund, a law student must be a student of the OSU Law Journal staff, a member of the Moot Court Team, or in the top twenty percent (20%) of the law class.

Should the need for this Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for legal education.

February 3, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Judith Brown Washburn Memorial Scholarship Fund

The Judith Brown Washburn Memorial Scholarship Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends of Judith Brown Washburn, BS BA '63, devoted member of the University administrative staff from 1963 to 1983.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships to deserving undergraduate students at The Ohio State University who have demonstrated academic ability and/or need for financial assistance. The selection of the recipient(s) is to be made upon the recommendation of the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever, as determined by the Board of Trustees.

##### Physics Education Advancement Fund

The Physics Education Advancement Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Dr. E. Leonard Jossem, Professor of Physics, and the donors to the Physics Education Advancement Trust.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The purpose of this Fund shall be to recognize contributions to and/or otherwise encourage and assist in the advancement of Physics Education. Recognition Awards made under this Fund may take the form of either an appropriate Certificate of Award, or a monetary award, or both. The recipients of awards, and the specific nature of each award, shall be determined by the incumbent Chair of the Department of Physics of The Ohio State University. The Chair shall consult in such matters with the members of an Advisory Committee appointed by him/her. No person may nominate himself/herself for any award, nor shall any person who is a member of the Fund Advisory Committee be eligible for an award during the time he/she serves as a member of that committee. Other appropriate means of furthering the purpose of the Fund may also be used. These may include, but are not limited to, the support of public lectures on subjects related to the advancement of Physics Education. Approval of expenditures from the Fund, including interest and/or principal,

February 3, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Physics Education Advancement Fund (contd)

shall be made by the incumbent Chair of the Department of Physics of The Ohio State University at his/her discretion for any purposes consistent with the purpose of the Fund.

Should the need for this Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Physics Education.

##### Bergen Brunswig Scholarship Fund

The Bergen Brunswig Scholarship Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from a gift from the Bergen Brunswig Corporation to help provide funds for an undergraduate student in the College of Pharmacy.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income shall be used to provide a scholarship for students in the College of Pharmacy. The student(s) selected should exhibit active participation in student activities, dedication to his or her professional goal, and must demonstrate high academic performance. The selection of the student(s) shall be made by the Dean of the College of Pharmacy in conjunction with the Director of Student Financial Aids. On an annual basis, the Dean of the College of Pharmacy will provide the Bergen Brunswig Corporation with the name of the student(s) who has received the award.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then responsible for the study of Pharmacy.

##### Charles A. Turner Scholarship Fund

The Charles A. Turner Scholarship Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund by friends and colleagues of Mr. Charles A. Turner of Columbus, Ohio.

February 3, 1984 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)**

**Establishment of Named Funds (contd)**

**Charles A. Turner Scholarship Fund (contd)**

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships for students enrolled in the Graduate Program in Hospital and Health Services Administration in the College of Medicine. The recipients of these scholarships will be selected by the Director of the Graduate Program in Hospital and Health Services Administration and once selected will meet with Mr. Turner for as long as Mr. Turner is living.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income must be used in support of scholarships for students enrolled in Medicine or Nursing.

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Report - December 1983

Federal Research Contracts/Grants

\$1,040,750.00 - Department of Education, Office of Educational Research and Improvements, Washington, D. C., Research Program of Employability, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1983 through 30 November 1984. (Project 763927 - Continuation)

\$504,332.00 - Department of the Army, Defense Supply Service, Washington, D. C., An Experimental Study of an Ultra-Mobile Vehicle for Off-Road Transportation, Department of Electrical Engineering (R. B. McGhee), Department of Mechanical Engineering (K. J. Waldron) and Department of Computer and Information Science (B. W. Weide), 1 October 1983 through 30 September 1984. (Project 762945 - Continuation)

\$270,221.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Otitis Media with Effusion, Department of Otolaryngology (D. J. Lim), 1 December 1983 through 30 November 1984. (Project 760043 - Continuation)

\$250,000.00 - Department of the Air Force, Air Force Systems Command, Griffiss Air Force Base, New York, Advanced SATCOM ECCM Techniques, Department of Electrical Engineering, Electro-Science Laboratory (A. A. Ksienski), 1 October 1983 through 3 August 1984. (Project 762948 - Continuation)

\$153,072.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Tooth Eruption/Movement/Resorption/Biological Aspects, College of Dentistry - Orthodontics (Z. Davidovitch), College of Dentistry - Oral Biology (J. Shanfeld), Department of Microbiology (B. S. Zwilling) and Department of Preventive Medicine (R. R. Lanese), 1 December 1983 through 30 November 1984. (Project 763913 - New)

\$115,178.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Interaction of DNA Topoisomerase I with Chromatin, Department of Microbiology (M. T. Muller), 1 January 1984 through 31 December 1984. (Project 763392 - Continuation)

\$114,284.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Genetic Resistance of Autoimmune Encephalomyelitis, Department of Medicine (F. J. Waxman), 1 December 1983 through 30 November 1984. (Project 763902 - New)

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$111,685.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Lipids Controlling *S. Auerus* Survival *in Vivo*, Department of Medical Microbiology and Immunology (F. A. Kapral), 1 December 1983 through 30 November 1984. (Project 763912 - New)

\$102,400.00 - National Science Foundation, Washington, D. C., Micromechanisms of Polycrystalline Strain Propagation, Department of Metallurgical Engineering (R. H. Wagoner and W. A. T. Clark), 1 January 1984 through 31 December 1984. (Project 763921 - New)

\$100,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Tailored Airfoils for Wind Tunnel Applications, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 30 November 1983 through 29 November 1984. (Project 763285 - Continuation)

\$99,140.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Regulation of Gene Expression in *Neurospora*, Department of Biochemistry (G. A. Marzluf), 1 January 1984 through 31 December 1984. (Project 760578 - Continuation)

\$91,899.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Aging Bladder: Autonomic Sensitivity Changes/Mechanisms, College of Pharmacy (M. C. Gerald and L. J. Wallace), 1 January 1984 through 31 December 1984. (Project 763937 - New)

\$82,000.00 - Department of Energy, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1983 through 31 January 1985. (Project 760022 - Continuation)

\$79,666.00 - National Science Foundation, Washington, D. C., Effect of Vegetation Roots on Slope Stability, Department of Civil Engineering (T. H. Wu), 15 January 1984 through 14 January 1985. (Project 762987 - Continuation)

\$73,708.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D. C., Benzamide Derivatives as Protective Agents against Action of Xenotoxic Agents on Human Cells, Cancer Research Center and Department of Physiological Chemistry (G. E. Milo), 1 January 1984 through 31 December 1984. (Project 763409 - Continuation)

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$72,300.00 - National Science Foundation, Washington, D. C., Kinetics and Spectroscopy of Carbenes and Biradicals, Department of Chemistry (M. S. Platz), 1 December 1983 through 30 November 1984. (Project 763341 - Continuation)

\$65,000.00 - National Science Foundation, Washington, D. C., Hydrothermomechanical Response of Geological Media, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 1 December 1983 through 30 November 1984. (Project 763915 - New)

\$60,000.00 - National Science Foundation, Washington, D. C., Measurement of the Exchange-Scattering Rate of Conduction Electrons in Superconducting Spin Glasses, Department of Physics (T. R. Lemberger), 15 December 1983 through 31 January 1985. (Project 763737 - Continuation)

\$58,800.00 - National Science Foundation, Washington, D. C., Wave Propagation and Transport in Heterogeneous Media, Department of Physics (D. G. Stroud), 1 November 1983 through 31 October 1984. (Project 762926 - New)

\$55,372.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Multiple Hydrogen Bonding - As by Nucleic Acid Bases, Department of Chemistry (J. Hine), 1 December 1983 through 30 November 1984. (Project 763904 - New)

\$53,571.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Diffusion Welding for Cassegrainian Concentrator Solar Collectors, Department of Welding Engineering (C. E. Albright), 10 December 1983 through 9 December 1984. (Project 763646 - Continuation)

\$50,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Oxidation Resistance and Magnetic and Mechanical Properties of Fe, Si, Al Alloys, Department of Metallurgical Engineering (G. W. Powell), 9 November 1983 through 30 September 1984. (Project 762438 - Continuation)

\$49,893.00 - Department of the Army, Army Corps of Engineering, Fort Sheridan, Illinois, Armed Services Vocational Aptitude Battery (ASVAB) Advisory Panel, The National Center for Research in Vocational Education (R. E. Taylor), 29 September 1983 through 28 September 1984. (Project 763319 - Continuation)

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$46,300.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Deoxycoformycin in Lymphoid Malignancies, Cancer Research Center and Department of Medicine (M. R. Grever), 1 December 1983 through 30 November 1984. (Project 763911 - New)

\$40,000.00 - National Science Foundation, Washington, D. C., Separation and Detached Eddies in Rotating, Stratified Flows, Department of Aeronautical and Astronautical Engineering (M. R. Foster), 1 December 1983 through 30 November 1984. (Project 763382 - Continuation)

\$40,000.00 - National Science Foundation, Washington, D. C., Studies of Petrified Paleozoic Fungi, Department of Botany (T. N. Taylor and S. S. Stubblefield), 1 January 1984 through 31 December 1984. (Project 763394 - Continuation)

\$39,200.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Improving Export Performance of Ohio Companies Support for Training in Postsecondary Education, Academic Faculty of Management Sciences (L. C. Nehrt), 30 September 1983 through 29 September 1984. (Project 763907 - New)

\$38,017.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Enzyme Aging and Gene Expression in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 December 1983 through 30 November 1984. (Project 762514 - Continuation)

\$38,000.00 - National Science Foundation, Washington, D. C., Development and Applications of Fully Symmetry-Adapted Electronic Structure Programs, Department of Chemistry (R. M. Pitzer), 1 January 1984 through 31 December 1984. (Project 763922 - New)

\$32,699.00 - Department of Housing and Urban Development, Washington, D. C., Conference on the Future Structure of Mortgage Markets, Academic Faculty of Finance (R. L. Racster) and Department of Economics (E. J. Kane), 1 October 1983 through 30 June 1984. (Project 763508 - Continuation)

\$30,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Human Joint Articulation and Motion Resistive Properties, Department of Engineering Mechanics (A. E. Engin), 16 December 1983 through 31 March 1984. (Project 763802 - Continuation)



February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$30,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Transition-Region Heat Transfer and Rough Surface Effects on Turbo-Machine Flow Problems, Department of Mechanical Engineering (L. S. Han), 1 October 1983 through 31 December 1983. (Project 763057 - Continuation)

\$28,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, The Ohio Sea Grant Program 1983-1984, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter), 1 January 1984 through 31 December 1984. (Project 762833 - New)

\$24,370.00 - Department of the Navy, Office of Naval Research, Washington, D. C., The Vertical and Temporal Structure of Suspended Particle Distribution at the HEBBLE Site, Department of Civil Engineering (K. W. Bedford), 1 October 1983 through 30 September 1984. (Project 763271 - Continuation)

\$23,560.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Improvement of the Mechanical Performance of the Thorax of the Hybrid III Dummy, Department of Mechanical Engineering (D. A. Guenther), 1 July 1983 through 31 March 1984. (Project 763710 - Continuation)

\$18,793.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, ESR (Electron Spin Resonance) as an Imaging Device (L. J. Berliner), 1 January 1984 through 31 December 1984. (Project 763926 - New)

\$10,846.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Load Distribution Measurement, Department of Mechanical Engineering (H. R. Busby), 1 October 1983 through 30 September 1984. (Project 763873 - Continuation)

\$10,004.00 - Congressional Budget Office, Washington, D. C., A Program to Reinterview Respondents to the Second Wave of the Employer Survey to Clarify Information About the Targeted Jobs Tax Credit Program, The National Center for Research in Vocational Education (R. E. Taylor), 13 December 1983 through 10 February 1984. (Project 763929 - New)

\$6,709.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Supplemental Funds to Initiate, Improve, or Expand a Program of Cooperative Education, Agricultural Technical Institute - Administrative Support (D. D. Garrison), 1 October 1983 through 30 September 1984. (Project 763938 - New)

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$5,250.00 - National Science Foundation, Washington, D. C., Acquisition of Cases for The Ohio State University Herbarium, Department of Botany (T. J. Stuessy, D. J. Crawford and R. L. Stuckey), 1 December 1983 through 30 November 1984. (Project 763916 - New)

\$4,631.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Supplemental Funds to Initiate, Improve, or Expand a Program of Cooperative Education, Office of Academic Affairs - Arts and Sciences Administration (T. A. Willke), 1 October 1983 through 30 September 1984. (Project 763909 - New)

\$4,539.00 - National Science Foundation, Washington, D. C., Dissertation Research: Revision of the Angiosperm Genus Simsia (Compositae: Heliantheae), Department of Botany (T. F. Stuessy), 15 January 1984 through 31 December 1984. (Project 763923 - New)

\$3,609.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Studies on the Dextran Sucrase of Streptococcus Sanguis, Department of Chemistry (R. M. Mayer), 1 July 1983 through 30 June 1984. (Project 760160 - Continuation)

\$3,095.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Molecular Control in Cytochrome C Oxidase, Department of Physiological Chemistry (J. O. Alben), 1 January 1983 through 31 December 1983. (Project 762976 - Continuation)

\$2,774.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, In Vivo Release of Transformed Cell-Specific Proteins, Department of Physiological Chemistry and Cancer Research Center (T. E. Webb) and Department of Physiological Chemistry (D. E. Schumm), 1 June 1983 through 31 May 1984. (Project 763071 - Continuation)

\$2,326.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Subunit Studies of a Heart Respiratory Complex, Department of Physiological Chemistry (J. S. Rieske), 1 December 1982 through 30 November 1983. (Project 762285 - Continuation)

\$1,600.00 - Department of the Interior, Geological Survey, Menlo Park, California, Preparation of Five Free-Air Gravity Anomaly Maps for the Circum-Pacific Map Project, Department of Geodetic Science and Surveying (R. H. Rapp), 14 October 1983 through 29 February 1984. (Project 763928 - New)

TOTAL - FEDERAL AWARDS

\$4,137,593.00

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants

\$39,484.00 - State of Ohio, Department of Development, Columbus, Ohio, Center for International Trade Division, Academic Faculty of Management Sciences (L. C. Nehrt), 6 September 1983 through 31 December 1983. (Project 763906 - New)

\$35,313.37 - State of Ohio, Department of Education, Columbus, Ohio, Occupational Employment Statistics Survey Program in Ohio for Manufacturing and Hospitals, Academic Faculty of Management and Human Resources (H. R. Blaine), 1 July 1983 through 30 June 1984. (Project 763695 - Continuation)

\$7,740.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Student Internship, Department of Human Services Education (T. M. Stephens), 1 January 1984 through 30 September 1984. (Project 763935 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 82,537.37

Industrial Research Contracts/Grants

\$100,000.00 - Pfizer, Inc., Groton, Connecticut, Support for Facilities for Performing Clinical Pharmacology Studies, Department of Pharmacology (N. Gerber), 1 September 1983 through 1 September 1984. (Project 760484 - Continuation)

\$63,025.00 - Eli Lilly and Company, Indianapolis, Indiana, Effects of Various Antibiotics on the Production of Exoproducs of Pseudomonas aeruginosa, Department of Microbiology (N. R. Baker), 1 September 1983 through 31 August 1984. (Project 763924 - New)

\$26,389.00 - Astra Lakemedel AB, Sodertalje, Sweden, Dosage Form Design, College of Pharmacy (S. G. Frank), 1 December 1983 through 31 December 1984. (Project 762165 - Continuation)

\$12,180.00 - Boehringer Ingelheim, Ltd., Ridgefield, Connecticut, Analysis of Dipyrindamole in Plasma, Department of Veterinary Clinical Sciences (R. Sams), 1 October 1983 through 30 September 1984. (Project 762928 - Continuation)

\$3,400.00 - International Training and Education Company, Framingham, Massachusetts, Inresident/Fellowship/Training and Assistance for Academic Program for Mr. Jaber Al-Essa, Jubail Human Resources Development Institute, The National Center for Research and Vocational Education (R. E. Taylor), 1 June 1983 through 29 February 1984. (Project 763633 - Continuation)

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$3,225.64 - Smith Kline & French Laboratories, Philadelphia, Pennsylvania, Expansion Clinical Use of "Ridaura" (Auranofin), Department of Medicine (R. L. Whisler), 1 May 1983 through 30 June 1984. (Project 763125 - Continuation)

\$1,290.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 22 July 1983 through 31 December 1984. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 209,509.64

Other Non-Federal Research Contracts/Grants

\$417,151.00 - University of Cincinnati, Cincinnati, Ohio, Area Health Education Center, College of Medicine - Administration (G. L. Trzebiatowski and M. Tzagournis), 1 October 1983 through 30 September 1984. (Project 763826 - Continuation)

\$43,579.00 - Kellogg (W. K.) Foundation, Battle Creek, Michigan, Development of a Non-Traditional Medical Record Administration Program, School of Allied Medical Professions (M. S. Pariser), 1 September 1983 through 31 August 1984. (Project 762768 - Continuation)

\$40,545.25 - Michigan State University, Lansing, Michigan, Eastern Caribbean Technical Support to Mission: Agricultural Sector Assessment St. Kitts/Nevis, International Programs in Agriculture (H. D. Bauman), 1 July 1983 through 31 December 1983. (Project 763901 - New)

\$29,105.00 - Battelle Memorial Institute, Columbus, Ohio, Interdisciplinary Study of Basic Wear Mechanisms in Metals, Department of Metallurgical Engineering (D. A. Rigney), 23 November 1983 through 14 June 1984. (Project 763066 - Continuation)

\$26,443.00 - Iowa State University, Ames, Iowa, Ultrasonic Non-destructive Evaluation of Aluminum Cast Materials, Department of Welding Engineering and Department of Engineering Mechanics (L. Adler), 1 October 1983 through 30 September 1984. (Project 763930 - New)

\$23,200.00 - Ohio Cancer Research Associates, Columbus, Ohio, Determination of the Primary Structure of Mammalian Thymidylate Synthetase, Department of Biochemistry (L. F. Johnson), 1 December 1983 through 30 November 1984. (Project 763905 - New)

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$21,880.00 - Muscular Dystrophy Association, New York, New York, Fluorescence Studies of Calcium Transients in Muscle, Department of Physiological Chemistry (J. D. Johnson), 1 January 1984 through 31 December 1984. (Project 763866 - Continuation)

\$20,300.00 - Ohio Cancer Research Associates, Columbus, Ohio, Function of the Herpes Simplex Virus Deoxyribonuclease, Department of Medical Microbiology and Immunology (D. S. Parris), 1 December 1983 through 30 November 1984. (Project 763919 - New)

\$18,850.00 - Ohio Cancer Research Associates, Columbus, Ohio, Examination of Steroid-Protein Interactions Using <sup>19</sup>F-NMR Spectroscopy, College of Pharmacy (R. W. Brueggemeier), 1 December 1983 through 30 November 1984. (Project 763917 - New)

\$18,850.00 - Ohio Cancer Research Associates, Columbus, Ohio, Production of Monoclonal Antibody to Epstein-Barr Virus Induced DNA Polymerase, Department of Medical Microbiology and Immunology (J. E. Shaw), 1 December 1983 through 30 November 1984. (Project 763918 - New)

\$18,096.00 - Columbus Department of Finance, Columbus, Ohio, Quality of Working Life Demonstration Effort, Department of Communication (D. M. Ronchi), 1 July 1983 through 30 June 1984. (Project 760790 - Continuation)

\$11,563.00 - American Veterinary Medical Association Foundation, Schaumburg, Illinois, Effects of Pet Interaction on Selected Health Parameters of an Aged Nursing Home Population, Department of Veterinary Preventive Medicine (C. A. Neer), 1 January 1984 through 31 December 1984. (Project 763936 - New)

\$10,000.00 - Deafness Research Foundation, New York, New York, Elemental Analysis of Cochlear Cells, Department of Otolaryngology (D. J. Lim), 1 January 1983 through 31 December 1984. (Project 763932 - New)

\$10,000.00 - Deafness Research Foundation, New York, New York, The Role of Endotoxin in Adhesive Otitis Media, Department of Otolaryngology (T. F. DeMaria), 1 January 1984 through 31 December 1984. (Project 763933 - New)

\$10,000.00 - Holstein-Friesian Association, Battleboro, Vermont, Dairymen - Define Breeding Programs, Department of Dairy Science (F. R. Allaire), 1 January 1984 through 31 December 1984. (Project 763398 - Continuation)

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$2,000.00 - The Larry Niemerow Foundation, Arlington, Virginia, Predicting Physician Compliance with Drug Therapy Recommendations in Skilled Nursing Facilities, College of Pharmacy (R. Segal and D. S. Pathak), 1 December 1983 through 30 November 1984. (Project 763910 - New)

\$1,000.00 - Electric Power Research Institute, Palo Alto, California, Study of Acid Corrosion in the Clean Gas Saturator of a Coal Gasification Combined Cycle Power Plant, Department of Metallurgical Engineering (D. D. Macdonald), 1 December 1983 through 31 December 1983. (Project 763175 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 722,562.25

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$174,116.00 - from various industry for 33 development projects under the direction of eight engineering departments and research areas.

\$104,997.00 - EPRI, Palo Alto, California, "Characterization of Ceramic Materials for Electric Power Plant Operations", Department of Ceramic Engineering, 1 November 1983 through 31 October 1985. (312792)

\$29,890.00 - Carlyle Compressor Company, "Finite Element Techniques for Modal Analysis of Compressor Shells", Department of Mechanical Engineering, 1 January 1984 through 2 January 1985. (529644)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 309,003.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Coy Heart Research Fund  
in the College of Medicine

The Coy Heart Research Fund in the College of Medicine was established February 3, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Cora Elizabeth Coy in memory of her mother, Alice Medbery Coy and brother, William Stacy Coy, Jr.

February 3, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Coy Heart Research Fund in the College of Medicine (contd)

All gifts are to be invested in the University's Permanent Endowment, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support heart research in the College of Medicine, Division of Cardiology, as determined by the Director of the Division and the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official then directly responsible for Cardiology and the College of Medicine.

##### The Carl F. Ruff Memorial Fund

The Carl F. Ruff Memorial Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University. This fund was established in memory of Carl F. Ruff, BS '53, MS '63, Agricultural Education, of Oak Harbor, Ohio, by his family and friends.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and to reinvest as the occasion dictates.

The annual income up to the first \$600 per year will be used to support scholarships for junior or senior undergraduate students in the College of Agriculture who have demonstrated outstanding leadership potential and above average scholastic achievement. The recipients will be selected by the University Office of Financial Aids based on the recommendations of the State 4-H Awards Selection Committee in consultation with at least one member of the late Carl F. Ruff's immediate family. Preference should be given to those students with a strong 4-H background.

Any income in excess of the first \$600 will support the International Four-H Youth Exchange Program (IFYE) as determined by the 4-H staff in conjunction with a member of the immediate family of the late Carl Ruff. Should the earnings of the endowment exceed \$1,000 per year, 60 percent of the earnings shall be directed to the College of Agriculture for scholarships and 40 percent should be directed to the IFYE Program.

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Carl F. Ruff Memorial Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income from the fund may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the Dean of the College of Agriculture at The Ohio State University.

Jane Mears Lewis Memorial Scholarship Fund

The Jane Mears Lewis Memorial Scholarship Fund was established February 3, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Warren S. and Mary June Mears, Newark, Ohio, in memory of their daughter, Jane Mears Lewis.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this Fund is to be used to award a scholarship to a student(s) who graduated from Licking Valley High School and who has demonstrated need, ambition and good citizenship. This student should be entering the Columbus Campus of The Ohio State University, any of the branch campuses or the Agricultural Technical Institute in Wooster. First preference is to be given to those students enrolling in the College of Home Economics or the College of Agriculture. Should such a student in any given year not meet these qualifications, then the scholarship may be awarded to a second-year or sophomore college student from Licking Valley enrolled at the main campus, one of the branch campuses or the Agricultural Technical Institute. Selection of the award recipients is to be made by the University Scholarship Committee which shall also include the Director of Student Financial Aids, the Executive Head of Licking Valley High School and Mary June Mears, or her appointee.

Should the need for this Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aid.

The Doctor Marvin Arthur Korbin Endowment Fund  
in the College of Medicine

The Doctor Marvin Arthur Korbin Endowment Fund in the College of Medicine was established February 3, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the children of Dr. Marvin Arthur Korbin, in Encino, California.



February 3, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### The Doctor Marvin Arthur Korbin Endowment Fund in the College of Medicine (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance for a student enrolled in the College of Medicine, as determined by the Dean of the College of Medicine. This student should be selected without regard to race, sex, or religion.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then directly responsible for the College of Medicine.

#### Change of Name and Description of Named Fund

##### Mervin G. Smith International Scholarship Fund in Agriculture

The Mervin G. Smith International Scholarship Fund in Agriculture was changed February 3, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mervin G. Smith of Columbus, Ohio. This fund, originally established on July 22, 1977, has been renamed and description changed in accordance with the wishes of the donor.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to principal until the principal reaches \$10,000 at which time the annual income is to be used to provide one or more scholarships for undergraduate and/or graduate students in the College of Agriculture who have demonstrated academic ability and/or need financial assistance. The selection of the recipient is to be made upon the recommendation of the administrative person directly responsible for International Affairs in the College of Agriculture, in cooperation with the Dean of the College of Agriculture. The donor is to be consulted about the selection during his lifetime. The scholarship will be given to students who have a special interest in International Agriculture, with preference given to students who wish to study abroad. At the end of each fiscal year any unused income shall be returned to principal.

February 3, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Fund (contd)

Mervin G. Smith International Scholarship Fund  
in Agriculture (contd)

At such time as the principal reaches \$150,000 or more, all or part of the income will be used to create the Mervin G. Smith International Professorship Scholarship Fund. The individual selected for the Professorship will come from an Agricultural discipline and will carry on education and research in the international aspects of that discipline. Appointment to the Smith Professorship will be recommended by the Dean or Director responsible for International Agriculture, to the Provost and approved by the Board of Trustees.

Should the need for these scholarships or this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative officials of the University who are then directly responsible for International Agriculture, education and research.

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REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 84-80

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

HEALTH CENTER STORM SEWER AND  
PERRY STREET IMPROVEMENTS

Description: This project consists of the installation of a new storm sewer to relieve the flooding conditions at the Rhodes Hall emergency entrance and installation of new curbs and walks and resurfacing of Perry Street after the sewer construction is completed. This work includes a larger capacity storm sewer pipe, tie-in of all intersecting storm sewers, manholes/catch basins, curbs, walks and asphalt and concrete paving. The location of this work is from Cannon Drive east on 8th Avenue to Perry Street, and north on Perry Street to Clinic Drive. The estimated completion date is July, 1984.

February 3, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

HEALTH CENTER STORM SEWER AND  
PERRY STREET IMPROVEMENTS (contd)

General Contract

Date Received:	December 6, 1983
No. of Bids:	2
Low Bid:	\$178,462.00*
High Bid:	\$231,990.00*
Estimate of Cost:	\$164,600.00*
Awarded to:	United Construction Equipment, Columbus, Ohio
Total All Contracts:	\$178,462.00*
Total Contingency Allowance:	\$ 9,037.69 (which is 5 per cent of construction costs)
Total Project Cost:	\$213,000.00*
Funding:	Am. Sub. HB 552, U & R (\$180,000) and University Funds (\$33,000)

\*Recommended alternates reflected in these figures.

INDEPENDENCE HALL - ROOF REPLACEMENT

Description: Removal of approximately 14,500 square feet of old roofing and replacement with new roofing materials and insulation as required. This work is necessary due to weather deterioration of the existing roof. Work is scheduled to begin in Spring, 1984; the estimated completion date is August, 1984.

General Contract

Date Received:	November 15, 1983
No. of Bids:	3
Low Bid:	\$143,918.00
High Bid:	\$147,765.00
Estimate of Cost:	\$138,000.00
Awarded to:	C. R. Huffer, Columbus, Ohio

February 3, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

INDEPENDENCE HALL - ROOF REPLACEMENT (contd)

Total All Contracts:               \$143,918.00

Total Contingency Allowance: \$ 12,738.55 (which is 9 per cent of construction costs)

Total Project Cost:               \$160,000.00

Funding:                            B/A 210134 (Contract Repair 1983-84)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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MORTAR BOARD RECOGNITION

Resolution No. 84-81

Synopsis: Recognition of the 70th anniversary of Mortar Board is proposed.

WHEREAS Mortar Board is a national honor society of college seniors recognized for superior scholastic ability, outstanding and continual leadership, and dedicated service in support of the ideals of the University; and

WHEREAS 1984 marks the seventieth anniversary of the founding of Mortar Board at The Ohio State University; and

WHEREAS Mortar Board at The Ohio State University was one of the four founding chapters of the national organization of Mortar Board which now numbers 188 chapters which have initiated more than 114,000 members; and

WHEREAS the National Council of Mortar Board, Inc., has established at The Ohio State University its national archives and its national office; and

WHEREAS the National Council has declared February 12 to February 18, 1984, as National Mortar Board Week; and

WHEREAS The Ohio State University Mortar Board chapter will sponsor a seventieth anniversary reception at eleven o'clock on the fourteenth day of February, in the Terrace Lounge of the Ohio Union;

NOW THEREFORE

February 3, 1984 meeting, Board of Trustees

**MORTAR BOARD RECOGNITION (contd)**

BE IT RESOLVED, That The Ohio State University acknowledges the seventieth anniversary of the founding of Mortar Board at The Ohio State University, and recognizes February 12 to February 18, 1984, as National Mortar Board Week; and

BE IT FURTHER RESOLVED, That the Board of Trustees of The Ohio State University congratulates Mortar Board on its significant influence as a senior honor society on The Ohio State University campus over these seven decades, and encourages its continued pursuit of excellence through superior scholarship, distinguished leadership, and exemplary service.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**EXPRESSION OF APPRECIATION TO RODNEY J. HARRISON**

Resolution No. 84-82

WHEREAS Rodney J. Harrison has served for almost a year as Acting Vice Provost for Student Affairs while the University undertook an extensive search for a candidate to fill that position on a continuing basis; and

WHEREAS Mr. Harrison assumed these additional duties and responsibilities and performed them in an exemplary manner and in a fashion consistent with the highest needs, expectations and standards of the University; and

WHEREAS during his service in this position and under his leadership, a significant reorganization of certain functions of that office was undertaken, culminating in a number of University rule revisions which are before the Board for action today; and

WHEREAS Mr. Harrison devoted time, energy, understanding and leadership ability well beyond the call of duty in administering the functions of the Student Affairs area during the past year:

NOW THEREFORE

BE IT RESOLVED, That the gratitude and deep appreciation of this Board be expressed to Mr. Harrison for his willingness to take on these additional responsibilities on behalf of the University, and for his splendid efforts in that regard during the lengthy search process these last several months.

Upon motion of Mr. Teaford, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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February 3, 1984 meeting, Board of Trustees

## REPORT ON INTERCOLLEGIATE ATHLETICS

President Jennings made the following statement:

Mr. Chairman, I would like to call on Mr. Thompson for a very brief report on intercollegiate athletics.

Mr. Thompson made the following statement:

Thank you, Mr. President. Mr. Chairman and Members of the Board, we are very pleased to announce today that after an extensive review by the Department of Education - Office of Civil Rights, The Ohio State University has been found to be in full compliance with Title IX of the Education Amendments of 1972 in the operation of its intercollegiate athletic programs. As you all know, Title IX of the Education Amendments prohibits discrimination against persons because of sex by educational institutions which receive federal financial assistance.

This review started because of a complaint that was filed back in November, 1974 (this is how long this review has been going on!), but it really focused--got itself focused--in 1983. That is the time when the review team came to campus from the Department of Education, interviewed over a hundred persons, toured the facilities, as well as reviewed and requested various documents and responses. After this in-depth review we have now been found to be in full and complete compliance with the letter and the spirit of the law. This finding definitely demonstrates this institution's continuing commitment to the principles of affirmative action and equal opportunity for all individuals regardless of sex, race, religion, age, national origin, disability, or Veteran status. Indeed, our athletic programs, which include over thirty different intercollegiate sports--half of which are open to women--represent one of the most comprehensive programs in the United States. I must say that the tremendous efforts of the Office of Affirmative Action, as well as the Department of Athletics, to ensure this equality of treatment for men and women clearly merits our recognition. We are very proud to present this to you today. Thank you.

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## REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-83

RESOLVED, That the report on the University's Investment Portfolio, dated January 20, 1984, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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February 3, 1984 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, March 2, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 9:30 a.m.

Attest:

Madison H. Scott  
Secretary

John D. Jacob, D.D.S.  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND NINETY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 2, 1984

The Board of Trustees met at its regular monthly meeting on Friday, March 2, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, Daniel M. Galbreath, Edmund C. Redman, John W. Berry, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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March 2, 1984 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 11:45 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John D. Jacob, Chairman, D. James Hilliker, Daniel M. Galbreath, Edmund C. Redman, John W. Berry, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 1:30 p.m.

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### CONDITIONAL/UNCONDITIONAL ADMISSIONS

President Jennings called on Dr. Haenicke to give a report on the progress that has been made on the conditional/unconditional admissions program which goes into effect Autumn Quarter, 1984.

Dr. Haenicke made the following statement:

Mr. President, Mr. Chairman, members of the Board, I am very pleased to submit to you today a report on our preliminary findings regarding the new conditional/unconditional admissions policy which you, as a Board, approved in April of 1982. At that time the University stated that in order to be unconditionally admitted, the student had to complete a college preparatory high school curriculum as defined by the University. You stated at that time that this policy was to take effect in the Autumn Quarter of 1984, which is just before us. Since then many people in the University have been busy preparing the incoming students, the parents, the high school counselors and our OSU faculty for this new policy. The faculty committee here at Ohio State has given enormous time and effort to screen applications, to assess high school curricula, and, in general terms, to ease transition into the new policy.

I would like to mention briefly the members of the committee. They are: Professor Cooper from History, Professor Crosswhite from Education, Professor Garnes from English, Professor Horrocks from the College of Medicine/Physiological Chemistry (who is with us), and Professor Warmbrod from Agriculture. Professor Cardozo-Freeman and Dr. Baumer, in my office, provided leadership and support--Dr. Baumer is in the audience, too, as is our very able Director of Admissions, Dr. Mager, who is in charge of the entire and very complex technical operation.

The results of the efforts that we have made are very encouraging. The Class of 1988, the approximately 6,500 freshmen entering our University this fall, might be the best prepared group of students to enter the University in recent years. We think that the new policy is the reason for this change. Let me briefly explain. At The Ohio State University, a college preparatory high school curriculum is defined as follows: you have to take fifteen units in high school; four of them in English; three in mathematics; two in natural

### CONDITIONAL/UNCONDITIONAL ADMISSIONS (contd)

science; two in social science; two in foreign languages; one in the visual and performing arts; and one additional unit taken from any of the above. Students who have not completed this college preparatory curriculum will be admitted to the University conditionally. Conditionally admitted students must remove what we term the deficiencies within the first 30 credit hours of study. That would be approximately during the first two quarters of their presence at OSU, and these credits would not count toward the completion of the degree requirements in college. In other words, the number of credit hours required for graduation will be increased by the number of hours required to remove a deficiency.

Each student's high school record is assessed at the time application for admission is made. Depending on the student's high school curriculum and the grades received, he or she will receive a personal letter. If students appear highly qualified academically but have what we call deficiencies, we strongly encourage them to come and we offer advice regarding the additional courses that they would have to take. Students who we think have little chance of succeeding at Ohio State, given their high school preparation, are not immediately admitted; instead, we invite them to visit with us so that we can discuss their deficiencies and the likelihood or perhaps the lack of likelihood for their success. If they then still wish to enroll regardless of our reservations and counsel, they may.

The response of the State's high schools to this new admissions policy has been dramatic. Without question, there has been a general upgrading of preparation for all students--male, female, minorities--in the two years since you announced this new approach to admission to the Columbus campus. Many more applicants who will come for the Autumn Quarter of '84 have completed a college preparatory curriculum than did students admitted to the University two years ago. I would like to show you a table which demonstrates this change.

In the first table we have taken a rather large sample of 559 students who applied for admission in the fall of '82. We had announced the policy in April of '82, so the students who entered in the fall could not get prepared for that new policy. So the first column shows the enrollees for '82. Had we applied our current unconditional admission requirements to that group, 14.6% of them would not have met our requirements in English. Two years later obviously something has happened in the high schools. Only 7.6% are not meeting the requirements. In mathematics the decrease is even greater. Better than 16% at that time would not have met them; now only 7%. In natural sciences, a very dramatic change. In social studies, no change, but it is insignificant. In foreign language, half of them--down from 30% who would not have met the criteria then, down to 14% now; in the visual and performing arts, curiously the figure has stayed the same. At that time we would have had only 33.8% of students who had no deficiencies--now we have 51.6% who have no deficiencies whatsoever. And if you realize that we have an enormously large number of students who have deficiencies only in

March 2, 1984 meeting, Board of Trustees

#### CONDITIONAL/UNCONDITIONAL ADMISSIONS (contd)

this one credit--in the visual and performing arts--we could say that 76% of our students meet the new unconditional admissions requirement with a possible exception of the visual and performing arts. Turned around also for foreign languages, we could say that 86% of all students applying for the fall have met the foreign language requirement.

Obviously the high school administrators, the counselors and the teachers have done an outstanding job in informing the students of our new admissions policy and in helping us to meet these new requirements. Many high school officials have informed me that the new policy has helped to make that job easier. In the past, many students believed that because they intended to apply at OSU, which has a traditional policy of open admissions, they did not have to take college preparatory courses to attend. The situation, we believe, has now changed, and students have begun to recognize that college preparatory work in high school is necessary to attend OSU and to succeed here.

Clearly--and I wish to emphasize this--the unconditional/conditional admissions policy is not meant to end the open admissions policy of the University. Rather, it is intended to assure that more students are prepared in the best possible way for college level work. Students who come to the University with weak preparation have always found it difficult to compete successfully with students who have superior academic preparation. We are now seeking increasingly to help our students by assuring that the largest available number of them come to us with preparation that will make it possible for them to succeed with college level work.

The recent study of students admitted in the Autumn Quarter of '82 confirms the value of college preparatory training. For this purpose I will show you Chart 2 which shows us how the students that we admitted in '82 fared. The first column shows the retention rate. The retention rate is defined as the number of students that are still in college the Autumn Quarter of their sophomore year. Of the ones that came in the autumn, how many of them are still there in the autumn one year later? Overall, we retained 79.2%; of the students who had no deficiencies whatsoever, 81% are still there a year later; of students with no deficiencies in English and math, 81.9% are still there a year later; but, of the students who had deficiencies in both English and math, there is a significant 10 percent difference--only 71% of them are still there.

If you also look at how they fare in general coursework, you see that the students with no deficiencies whatever, of course, do best in college as a group. Their average, their mean grade point average, is 2.57; the next best group in terms of academic performance are the students who have no deficiencies in English and math. The students with deficiencies in English and math are the poorest performers by this indicator.

### CONDITIONAL/UNCONDITIONAL ADMISSIONS (contd)

These new admissions policies have not kept students from applying at OSU. In fact, this year we received larger numbers of applications than ever before, necessitating the earliest ever cut-off for accepting applications for the Autumn Quarter of 1984. We cut off admissions on January 5, 1984. This is an indication, I think, that students across the state value highly the quality of education at our University. The remedial instruction that we had to provide for many years has been a heavy burden on higher learning in recent times. More than 20% of freshmen entering Ohio State in the Autumn Quarter of '83--last fall--required remedial instruction in mathematics or English and often in both. This figure is now down from previous years, in large part because of the extensive efforts that the University has made to work with high school students and teachers of mathematics and English. The mathematics department at OSU pioneered a program for testing high school juniors in mathematics as a means of preparing them for math requirements at the college level. The success is dramatic--in 1978 for instance, 26% of all freshmen had to take remedial mathematics; in 1980, this figure was down to 25%; in 1981, it was down to 21.7%; and in 1983, last autumn quarter, it was down to 18.9%. Down from 26% just in 1978--I think that is a dramatic success, particularly if you translate that in real numbers, because we accept some 7,000-8,000 students depending on the year; and if almost 7% or 8% of them do not have to take math, as I said before that is a wonderful success.

More high school students are now taking mathematics and English as seniors, as a means of better preparing themselves for college level work. We anticipate that the need for remedial work at the University will continue to decline. An understanding of the fundamentals of mathematics and English composition, we think, is among the most important requirements for successful University experience. Without these basic skills students are at a serious disadvantage. That is why we place such great emphasis on adequate preparation. We want our students to succeed. We believe that better preparation and our increased articulation to the high schools have had an effect also on our general retention rates. For instance, in 1978, 75.6% of all freshmen survived into the Autumn Quarter of the next year--the sophomore year. In 1980, this figure had increased to 77.9%, to 78.3% in '81, and it stood at 79.2% in 1982. We are of course again very satisfied with this type of progress. We are making every effort to prepare our students for success in college.

Let me briefly point to the last chart that we have, Chart 3. This now shows you the profile of the students that we have processed as applicants. The total applicants that are processed and represented in these charts are better than 11,000 people. Of these we see that 7.6% have not taken four units of English--of the men, 8.3%; the women, 7%; minorities, 10.1%. Better than 51% have no deficiencies whatsoever, as we pointed out. The major problem that we defined at this point is in the area of visual and performing arts, and we are trying to address that in our discussions with high schools and our internal discussions, and in our negotiations internally

March 2, 1984 meeting, Board of Trustees

### CONDITIONAL/UNCONDITIONAL ADMISSIONS (contd)

with the colleges about developing new courses. We were initially quite surprised that the foreign language requirement obviously does not pose the problem that some of us had expected. Seventy-six percent of our students meet it without any problem, and this figure of 14.4% who do not meet the language requirement does not indicate clearly whether it is just one unit by which they are short or two, because two units is what we require.

Again, as I've pointed out before, if we combine these two figures and leave out the visual and performing arts requirement because that is just one credit, we have a figure of better than 76% of our students who meet the requirements, which is a dramatic change over what would have happened, we think, had we not instituted the policy; because the comparative figures that we have from '84 show us that the figure would have been very significantly different. What we are doing is that we are providing appropriate courses for all students who need to remove deficiencies, so that we can lift the conditional status of their admissions. In some cases--foreign languages, for instance--we have new courses, but in the visual and performing arts we are still working on the appropriate remedies. The relatively small number of students requiring remedial work we think will not pose any big problems for the University. Our aim is, of course, to speed the day when none of our students will require remedial work at the university level any longer. This, Mr. President, concludes my report.

President Jennings:

Thank you, Diether. I think we can all be extremely proud of that record throughout the institution--the faculty, Diether's office, Professor Horrocks, Professor Baumer. I think this is a story in which the early success has been much more dramatic than I think any of us would have predicted. I think the most astonishing thing is the characteristics of these figures, where this is really just the first year that we have been working with this activity and yet we have seen such a remarkable turnabout. It is abundantly clear, I think, that not only does remediation go down, but the quality of a student's experience academically will go up considerably by coming to us with this preparation. It is really a program that has worked enormously well and I want to thank Diether's office and the entire staff for the really excellent work associated with this effort.

Mr. Galbreath:

Another thing, too, is that clearly it means that all other colleges and universities dealing with Ohio students are going to benefit from this program, too. And it shows that the kids are bright enough that they get the proper direction.

March 2, 1984 meeting, Board of Trustees

### CONDITIONAL/UNCONDITIONAL ADMISSIONS (contd)

Dr. Jacob:

I think this really has worked out even better than we had a right to hope two or three years ago. The question that I would have, though, is that--it looks as though, if those numbers are reflected, that you will have about 2,000 kids who will show up this fall who are deficient in the visual and performing arts. And if you are going to give them that one course within the first 30 hours, that means you have got about 1,000 a quarter to put through the program.

Dr. Haenicke:

I thought they might enlarge the marching band or come up with some other creative suggestions. More seriously speaking, this is indeed a problem that we are trying to address. What we have in mind is this, where our general rule is that the students have to make up this deficiency in the first two quarters, we might ease that provision and say that they must make up that deficiency in the first year or year and a half or whatever so that we can normally spread it over a longer period--so that we can adjust it without having additional sections and additional staff and personnel to take care of that situation.

President Jennings:

Also, it will be extremely interesting for us to compare these figures that we have today with what that reality is next fall, because all of these youngsters have an opportunity to correct some of these deficiencies this spring semester in high school, during the summer in high school, or by coming to summer school at Ohio State. It will be interesting to see to what extent these numbers go down with the youngsters who actually show up here, because they have clearly gotten the word where they could adjust it in their high school--in their last semester of high school or in summer school. I think that is the next comparison coming--to what extent the kids make that adjustment.

Dr. Jacob:

If that is a significant adjustment, that would lead me to think even more highly of the program, because it influences the students to get this done before they get here. And that is what we have been trying to do all along, is it not?

President Jennings:

I think we have been preaching also that college preparation is really the most--at this stage--significant thing we can do, and I think that is the other thing that is very gratifying about this data. Solid evidence is now confirming the assumption that success in college is largely determined by the preparation one gets in high school. And then I think the final thing is that along that same line, the

March 2, 1984 meeting, Board of Trustees

CONDITIONAL/UNCONDITIONAL ADMISSIONS (contd)

evidence certainly suggests that the high school teaching is done very well, when they get the youngsters in the classroom. Part of the weakness of the high school operation has not been the teaching, but simply not getting the youngsters in the classroom. And the high schools, in terms of their quality, are getting beat up a little bit nationally, but I think this clearly indicates that when that high school teacher in general can teach a literature class or a mathematics class, they do a pretty good job. It really is a very nice thing and I think it is more than we could have hoped for.

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DISCONTINUANCE OF BACHELOR OF SCIENCE DEGREE  
IN LABOR AND HUMAN RESOURCES

Resolution No. 84-84

Synopsis: Discontinuance of the Bachelor of Science Degree in Labor and Human Resources is proposed.

WHEREAS on April 1, 1983, this Board approved the restructuring of the College of Administrative Science, which brought about the merger of the Academic Faculty of Labor and Human Resources and the Academic Faculty of Management Science to form the Academic Faculty of Management and Human Resources; and

WHEREAS the faculty of the College of Administrative Science endorse the discontinuance of the Bachelor of Science in Labor and Human Resources degree; and

WHEREAS the Bachelor of Science in Labor and Human Resources degree peaked at 45 students; and

WHEREAS the current eight students in the Bachelor of Science in Labor and Human Resources degree program will be protected, and may be graduated with said degree; and

WHEREAS the Master and Ph.D. degree programs in Labor and Human Resources will remain in place:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees concurs with the decision of University Senate, on February 18, 1984, to discontinue the Bachelor of Science in Labor and Human Resources degree, and that said action is hereby approved.

Upon motion of Mr. Galbreath, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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March 2, 1984 meeting, Board of Trustees

TEMPORARY MEASURES FOR PROCESSING ACADEMIC  
MISCONDUCT CASES

Resolution No. 84-85

Synopsis: Temporary measures are proposed to expedite processing of matters before the Committee on Academic Misconduct while the University Senate deliberates rule amendments intended to alleviate the workload on a long-term basis.

WHEREAS the workload of the Committee on Academic Misconduct, as presently constituted, has increased to the extent that an unacceptably large backlog of cases exists; and

WHEREAS the principles of justice and equity require thoughtful and timely disposition of allegations of academic misconduct; and

WHEREAS appropriate committees of the University Senate are considering what changes in the Rules of the University Faculty may be necessary to ensure equitable and prompt processing of cases before the Committee on Academic Misconduct in the long term, and it is anticipated that the review and revision process will take at least several months; and

WHEREAS the University Senate, in order to meet the immediate objective of addressing, as expeditiously as possible, the aforementioned backlog of cases, has proposed that certain provisions of Rule 3335-5-54 be temporarily suspended in accordance with the following:

That (1), the Committee on Academic Misconduct will temporarily be increased in size by the addition of nine faculty members, three graduate student representatives and three undergraduate student representatives;

That (2), the Steering Committee shall propose nine faculty members to serve as temporary members of the Committee on Academic Misconduct subject to approval by the Senate; the President of the Council of Graduate Students, with the approval of the Council of Graduate Students, shall appoint three temporary members of the Committee on Academic Misconduct to represent graduate students; and the President of the Undergraduate Student Government, with the approval of the Undergraduate Student Assembly, shall appoint three temporary members of the Committee on Academic Misconduct to represent undergraduate students. These persons shall serve in addition to the existing, regular members of the Committee on Academic Misconduct. These memberships on the Committee on Academic Misconduct shall cease when the purpose of this provision ceases;

That (3), from the pool of current and temporary members of the Committee on Academic Misconduct, the Committee may establish panels empowered to conduct hearings and make decisions with the same authority as the Committee on Academic Misconduct:

March 2, 1984 meeting, Board of Trustees

TEMPORARY MEASURES FOR PROCESSING ACADEMIC  
MISCONDUCT CASES (contd)

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of the University waives 3335-5-46 (T) (2) in order to implement this temporary change immediately, eliminating the necessity to submit this rule change to the further attention of the Rules Committee and resubmission to the University Senate; and

BE IT FURTHER RESOLVED, That the temporary suspension of Rule 3335-5-54 as proposed above is approved; and

BE IT FURTHER RESOLVED, That this action shall be effective immediately and shall continue in effect until permanent rules adopted by the University Senate increasing the size of the committee are approved by the Board of Trustees and implemented by the regular process for selection of committee members, but no longer than the last day of Fall Quarter, 1984.

Upon motion of Mr. Galbreath, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 84-86

Synopsis: Change in the use of the term "chairman" to "chairperson" and "chairmen" to "chairpersons" in Rules of the University Faculty is proposed.

WHEREAS on March 12, 1983, the University Senate passed a resolution changing the use of the term "chairman" to "chairperson" in Rule 3335-3-35; and

WHEREAS on April 1, 1983, this Board concurred with the above action of the University Senate by adopting Resolution 83-103; and

WHEREAS on March 12, 1983, the University Senate also asked that all uses of "chairman" and "chairmen" be changed to "chairperson" and "chairpersons", respectively, in the Rules of the University Faculty; and

WHEREAS the chairperson of the Rules Committee of the University Senate has now asked that the latter request be implemented;

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be authorized to change to the terms "chairperson" or "chairpersons" all remaining references to department administrators and committee heads in which the term "chairman" or "chairmen" is used, and that this change shall be reflected in the next published edition of the Rules of the University Faculty.

March 2, 1984 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

Upon motion of Mr. Berry, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 84-87

Synopsis: Amendments to rules 3335-7-32 (A), 3335-9-09, and 3335-9-10 of the Rules of the University Faculty are proposed.

WHEREAS in response to an administrative restructuring in which some of the duties of the Assistant Vice President for Registration Services have been assumed by the Vice Provost for Student Affairs, and the Director of Registration, Records and Scheduling has taken the title of University Registrar; and

WHEREAS on February 3, 1984, this Board approved the amendment of twenty-four rules of the Rules of the University Faculty to effect the necessary title changes; and

WHEREAS three rules were inadvertently omitted from the last Senate action and were thus not adopted as amendments by this Board, these rules and the requisite changes being as follows:

3335-7-32 (A): change "director of registration, records and scheduling" to "university registrar."

3335-9-09: change two references to "office of registration, records and scheduling" to "office of the university registrar."

3335-9-10: change "assistant vice president for registration services" to "vice provost for student affairs"; and

WHEREAS the chairperson of the Rules Committee of the University Senate has expressed that committee's view that these are editorial changes and not of a substantive nature, and that the committee has requested that the Board of Trustees make these changes in the Rules of the University Faculty without further action by the University Senate:

NOW THEREFORE

BE IT RESOLVED, That the Secretary of the Board of Trustees be requested to make the referenced amendments to the Rules of the University Faculty, to be effective immediately and to be reflected in the next published edition of that document.

Upon motion of Mr. Hilliker, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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March 2, 1984 meeting, Board of Trustees

AMENDMENT OF BYLAW OF UNIVERSITY HOSPITALS BOARD

Resolution No. 84-88

Synopsis: Change in terms for the twelve citizen members of the University Hospitals Board is proposed.

WHEREAS pursuant to 3335-103-01 of the University Hospitals Board Bylaws, the University Hospitals Board citizens membership may be amended by The Ohio State University Board of Trustees; and

WHEREAS it is appropriate to revise the composition of the University Hospitals Board citizens membership to allow any citizen member to serve for three consecutive full terms:

NOW THEREFORE

BE IT RESOLVED, That Bylaw 3335-93-01 of the Administrative Code be amended to read:

3335-93-01 University hospitals board.

- (A) The body responsible to the Ohio state university board of trustees for oversight of patient care services, the university hospitals' support of the Ohio state university health services academic programs, shall be known as the university hospitals board (herein called board).
- (4) The term of office for the twelve citizen members will be three years. At the discretion of the Ohio state university board of trustees, any citizen member may serve three consecutive full terms.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DISTINGUISHED SERVICE AWARDS

Resolution No. 84-89

Synopsis: Recommendation for eight individuals to receive Distinguished Service Awards is proposed.

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended eight individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipients:

March 2, 1984 meeting, Board of Trustees

DISTINGUISHED SERVICE AWARDS (contd)

Morgan L. Allison  
Roy H. Bowen  
W. Arthur Cullman  
Stanley Earl Harrison  
William J. Holloway  
L. Neal Smith  
Charles H. Summerson  
Clara G. Weishaupt

and

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

Upon motion of Mr. Hilliker, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT

Resolution No. 84-90

Synopsis: Approval is being requested for awarding degrees and certificates for Winter Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on March 16, 1984, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Teaford, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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March 2, 1984 meeting, Board of Trustees

## HONORARY DEGREE

Resolution No. 84-91

Synopsis: Approval is requested for awarding an honorary degree.

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of an honorary degree as listed below:

Robert C. Good

Doctor of Humane Letters

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Berry, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## PERSONNEL ACTIONS

Resolution No. 84-92

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Changes in Title, Appointment, Appointment of Chairpersons of Department and Academic Faculty, Termination of Faculty Appointment, Leave of Absence Without Salary, Professional Improvement Leave--Change of Date, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the February 3, 1984 meeting of the Board, including the following Changes in Title, Appointment, Appointment of Chairpersons of Department and Academic Faculty, Termination of Faculty Appointment, Leave of Absence Without Salary, Professional Improvement Leave--Change of Date, and Emeritus Titles as detailed in the University Budget, be approved.

### Changes in Title

Name:	ANNE L. PRUITT
Title:	Associate Provost
Office:	Academic Affairs
Effective:	Immediately
Salary:	\$59,160.00
Present Position:	Associate Dean, Graduate School

March 2, 1984 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Changes in Title (contd)

Name:	JOHN B. GABEL
Title:	Associate Dean
Office:	Graduate School
Effective:	March 26, 1984
Salary:	\$58,560.00
Present Position:	Professor, Department of English

#### Appointment

Name:	PETER J. HERDT
Title:	Chief, University Police
Office:	University Public Safety
Effective:	March 19, 1984
Salary:	\$42,000.00
Present Position:	Chief of Police, Springfield, Vermont

#### Appointment of Chairpersons of Department and Academic Faculty

October 1, 1984 through September 30, 1988

Geodetic Science and Surveying  
Academic Faculty of Finance

Ivan I. Mueller  
Harry Blythe

#### Termination of Faculty Appointment

WILLIAM VERILL NICK, Associate Professor, Department of Surgery, faculty appointment terminated effective November 30, 1982 for causes as set forth in accordance with Rule 3335-5-04 of the Administrative Code.

#### Leave of Absence Without Salary

JUANITA E. MILLER, Instructor, Cooperative Extension Service, effective March 1, 1984 through May 31, 1984, to complete requirements for the Ph.D. degree.

#### Professional Improvement Leave--Change of Date

RUPERT P. HERD, Associate Professor, Department of Veterinary Pathobiology, change of leave from Spring Quarter and Summer Quarter 1984 to May 1, 1984 through September 30, 1984.

#### Emeritus Titles

MARION L. SMITH, College of Engineering - Administration, with the title Associate Dean Emeritus, effective February 1, 1984.

WILLIAM A. BRUCE, College of Dentistry - Oral Pathology/Diagnosis, with the title Professor Emeritus, effective April 1, 1984.

March 2, 1984 meeting, Board of Trustees

#### PERSONNEL ACTIONS (contd)

##### Emeritus Titles (contd)

JOHN E. CRAINE, Cooperative Extension Service, with the title Professor Emeritus, effective February 1, 1984.

SAMUEL C. KELLEY, Department of Economics, with the title Professor Emeritus, effective February 1, 1984.

MARY E. CLARK, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective February 1, 1984.

JANE W. GATLIFF, University Libraries, with the title Assistant Professor Emeritus, effective February 1, 1984.

Upon motion of Mr. Teaford, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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#### RESOLUTIONS IN MEMORIAM

Resolution No. 84-93

Synopsis: Resolutions honoring the service of three of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Hilliker, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

##### E. Kenneth Alban

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 9, 1984, of E. Kenneth Alban, Professor Emeritus in the Department of Horticulture. Professor Alban retired September 30, 1978, following nearly thirty-six years of distinguished service to the University.

Professor Alban received his B.A. degree from Denison University and his M.S. and Ph.D. degrees from The Ohio State University in 1943 and 1945 respectively. He worked with several nurseries in central Ohio following graduation from Denison. He came to Ohio State in 1942 to begin work on Master's and Ph.D. degrees. In 1943 he started working for the Ohio Agricultural Experiment Station and teaching courses at the University in the Department of Horticulture. In 1943 he started research on chemical weed control in vegetables. He continued this work until his retirement and was recognized as one of the pioneers in chemical weed control, research, and teaching.



March 2, 1984 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

### E. Kenneth Alban (contd)

Over the years Professor Alban has taught many different courses in horticulture including introductory vegetable crops, advanced vegetable crops, general horticulture, weed science, greenhouse vegetable crops, vegetable breeding, and postharvest physiology.

Professor Alban was a member of Sigma Xi, American Society for Horticultural Science, Gamma Sigma Delta, Weed Science Society of America of which he was elected a Fellow in 1972, American Society of Plant Physiologists, American Institute of Biological Sciences, American Association for Advancement of Science, and the Ohio Academy of Science where he became a Fellow in 1949. More recently in 1977 he received the H. D. Brown Award from the Ohio Canners and Food Processors Association. He also received, at the Short Course for Potato Growers in 1977, the Golden Potato Award.

Professor Alban was the author of many scientific publications as well as commercial publications for growers.

Through his teaching and concern for people, Professor Alban gained the respect of his students, associates, and commercial producers. Through his guidance and his many contributions to chemical weed control, Dr. Alban's influence will have a lasting impact for generations to come.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

### Alvia L. Bozeman

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 24, 1984, of Alvia L. Bozeman, Associate Professor Emeritus in the Department of Educational Theory and Practice.

Dr. Bozeman received her Bachelor's and Master's degrees from Virginia State University. She completed her doctoral program from The Ohio State University in 1958. For more than thirty-five years, she was a teacher of children, youth, and adults. She joined the faculty at Ohio State as a teacher in the University School. From 1968 to 1983 she was Associate Professor in the areas of elementary and early childhood education.

Dr. Bozeman was committed to the recruitment of minority students and worked very actively in this area. She was recognized for her capability and willingness to work with all students. She has often been described as "one of the finest teachers I have ever known."

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

March 2, 1984 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Roy A. Larmee

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 27, 1984, of Roy A. Larmee, Professor of Education.

Dr. Larmee joined the Ohio State faculty in 1962 as an associate professor. He served as chairman of the Department of Educational Administration from 1965-71.

Professor Larmee recently received distinguished service awards from the American Association of School Administrators and the Buckeye Association of School Administrators. He was a member of both of those associations and of other professional organizations. He served as the University's faculty representative to the Big Ten athletic conference from 1971-76 and on the University's Athletic Council from 1967-76.

Roy Larmee was nationally known as a consultant to school districts on hiring superintendents. He contributed articles for education journals and was the author of the publication, "Nongraded School in Action: Bold New Venture."

A native of Ann Arbor, Michigan, he received his bachelor's and master's degrees from the University of Michigan. He was awarded the Ph.D. from the University of Chicago.

Professor Larmee held several positions, including high school principal, in the Waterford Township Schools in the Pontiac, Michigan, area from 1948-55. From 1955-57, he was a staff associate at the University of Chicago, and from 1957-61 he was director of the University of Chicago's Laboratory Schools. He served in the Army Air Force in World War II.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-94

Synopsis: The reports on contracts, grants, and gifts and the summary for January, 1984 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

March 2, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of January 1984, be approved.

Upon motion of Mr. Berry, seconded by Mr. Redman, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

### SUMMARY FOR JANUARY 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	73	\$10,072,900.77
Engineering Experiment Station	5	\$ 110,978.00
		\$10,183,878.77

#### The Ohio State University Development Fund

##### Establishment of Named Funds

Robert H. Edgerley Environmental Toxicology Fund (Graduate Students - College of Biological Sciences)	\$	13,439.36
A. Allen Holmes Scholarship Fund (Scholarships - College of Law)	\$	6,000.00
Grace Wolfe Kenson Lahm Student Loan Fund (Students Loans - OSU Mansfield Campus)	\$	5,689.00
Broward County, Florida Alumni Scholar- ship Fund (Scholarships - Undergraduates from Broward County, Florida)	\$	5,532.00
Harry and Carl Sonkin Memorial Award for Peace and International Under- standing (Scholarships - graduate or senior undergraduate students)	\$	5,003.00

March 2, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JANUARY 1984 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Chester I. Randles Graduate Studies Scholarship Fund in Microbiology (Support graduate students in Ph.D. program - Department of Microbiology)	\$ 5,000.00
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University Hospitals Endowment Fund (Support patient care, teaching, and research)	\$ 5,000.00
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Change in Name of Fund

From: Hamilton and Kramer Law Firm Fund  
To: Hamilton, Kramer, Myers and Cheek  
Law Firm Fund

Change in Description of Named Funds

The Partners and Employees of Price  
Waterhouse Endowment Fund

Biological Environmental Research Fund

Biological Sciences Student Activities  
Fund

Report from Presidents Club

Members to date	4,663
1983-84 members: fiscal year to date	70
1984 members: calendar year to date	6
New members - January 1984	6

New Presidents Club Members - January 1984

David W. Cooke	William D. Smart
Dale R. England	Dean A. Sweet
Garry C. Myers, III	William F. Yoerger

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

July through December, 1982 and 1983  
THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

CONTRIBUTIONS BY SOURCE

	Donors			Dollars		
	July through 1982	December 1983	% Change	July through 1982	December 1983	% Change
Alumni	27,235	31,351	15	\$ 6,006,072	\$ 4,055,672	(32)
Non-Alumni	14,407	15,184	5	1,969,789	4,510,452	129
Corporations	904	1,060	17	2,147,421	2,897,380	35
Corporate Foundations	170	200	18	854,267	1,070,077	25
Private Foundations	80	89	11	488,398	700,556	43
Other Organizations	354	533	51	605,322	581,334	(4)
Total	43,150	48,417	12	\$12,071,269	\$13,815,471	14

CONTRIBUTIONS BY TYPE

	July-December 1982	July-December 1983	% Change
Designated	\$ 6,978,080	\$ 9,324,347	34
Discretionary	840,633	965,618	15
Deferred Maturities	2,366,278	2,000,231	(5)
Gifts-In-Kind	1,886,277	1,525,275	(19)
Total	\$12,071,269	\$13,815,471	14
Gifts (# of)	52,004	58,296	12

March 2, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - January 1984

Federal Research Contracts/Grants

\$4,575,000.00 - Department of Education, Washington, D. C., The National Center for Research in Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 16 January 1984 through 15 January 1985. (Project 763413 - New)

\$1,000,000.00 - Department of the Army, Defense Supply Service, Washington, D. C., An Experimental Study of an Ultra-Mobile Vehicle for Off-Road Transportation, Department of Electrical Engineering (R. B. McGhee), Department of Mechanical Engineering (K. J. Waldron) and Department of Computer and Information Science (B. W. Weide), 1 January 1984 through 30 September 1984. (Project 762945 - Continuation)

\$369,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Resonant Structure NCTR (Non-Cooperative Target Recognition), Department of Electrical Engineering, Electro-Science Laboratory (J. D. Young), 1 January 1984 through 30 September 1984. (Project 762920 - Continuation)

\$260,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Fourier Transform Infrared Spectrometer for Biospectroscopy, Department of Physiological Chemistry (J. O. Alben), 1 January 1984 through 31 December 1984. (Project 763954 - New)

\$256,203.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), Department of Pathology (K. P. Clausen), and Department of Surgery (W. B. Farrar), 1 January 1984 through 31 December 1984. (Project 761094 - Continuation)

\$252,140.00 - Department of Education, Office of Educational Resources and Improvements, Washington, D. C., Operation of an Educational Resources Information Center (ERIC) Clearinghouse on Science, Mathematics and Environmental Education, Department of Educational Theory and Practice (R. W. Howe), 1 January 1984 through 31 December 1984. (Project 763390 - Continuation)

\$185,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Improvement of Savings and Credit Services by Rural Financial Institutions in Dominican Republic, Department of Agricultural Economics and Rural Sociology (C. Gonzales-Vega), 1 October 1983 through 30 September 1985. (Project 763301 - Continuation)

March 2, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$169,546.00 - National Science Foundation, Washington, D. C., Studies of Manipular Geometry, Department of Mechanical Engineering (K. J. Waldron), 15 January 1984 through 14 January 1986. (Project 763946 - New)

\$158,961.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Use of Cyclosporin A in Bone Marrow Transplantation, Department of Medicine (P. J. Tutschka), 1 February 1984 through 31 January 1985. (Project 763830 - Continuation)

\$132,335.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Genetic and Molecular Studies of RNA Splicing, Department of Genetics (P. S. Perlman), 1 March 1984 through 28 February 1985. (Project 763452 - Continuation)

\$129,568.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Omnidirectional Dummy Head and Neck, Department of Mechanical Engineering (R. L. Stalnaker), 1 December 1983 through 30 September 1984. (Project 763945 - New)

\$113,093.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., American Fiction, 1901-1925: Collection Strengthening and Creation of a National Bibliographic, University Libraries (W. J. Studer), 1 January 1984 through 31 March 1985. (Project 763934 - Continuation)

\$104,577.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Role of  $\alpha$ -Lactalbumin in Lactose Biosynthesis, Department of Chemistry (L. J. Berliner), 1 February 1984 through 31 January 1985. (Project 763428 - Continuation)

\$101,081.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Passenger Car Handling and Stability Research, Department of Mechanical Engineering (L. A. Kennedy), 15 November 1983 through 30 September 1984. (Project 763939 - New)

\$99,044.00 - Department of the Air Force, Air Force Systems Command, Bolling Air Force Base, D. C., Motion and Stability of Saturated Soil Systems under Dynamic Loading, Department of Civil Engineering (R. S. Sandhu), 1 February 1984 through 31 January 1985. (Project 763420 - Continuation)

March 2, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$99,002.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Molecular Control in Cytochrome C Oxidase, Department of Physiological Chemistry (J. O. Alben), 1 January 1984 through 31 December 1984. (Project 762976 - Continuation)

\$98,930.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Effects of Aging and GI Disease on Digoxin Metabolism, College of Pharmacy (R. H. Reuning and L. W. Robertson) and Department of Medicine (J. H. Caldwell, R. L. Donnerberg and H. S. Mekhjian), 1 January 1984 through 31 December 1984. (Project 763950 - New)

\$90,957.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, The Development and Evaluation of Point Defect Models for the Growth of Passive Films on Single Crystal, Polycrystalline, and Amorphous Metal Surfaces, Department of Metallurgical Engineering (D. D. Macdonald), 1 March 1984 through 28 February 1985. (Project 763048 - Continuation)

\$90,000.00 - National Science Foundation, Washington, D. C., Magnetic Domain Wall Resonance and the Electric Field Shift of the Ferromagnetic Resonance, Department of Physics (P. E. Wigen), 1 January 1984 through 31 December 1984. (Project 763741 - Continuation)

\$75,600.00 - National Science Foundation, Washington, D. C., Superfluid Turbulence, Department of Physics (J. T. Tough), 10 January 1984 through 28 February 1985. (Project 763441 - Continuation)

\$68,901.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separate Flows, Department of Aeronautical and Astronautical Engineering (O. R. Burggraf), 1 January 1984 through 31 December 1984. (Project 763412 - Continuation)

\$66,410.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chemical Carcinogen Induced Neoplastic Transformation, Department of Physiological Chemistry and Cancer Research Center (G. E. Milo), 1 January 1984 through 31 December 1984. (Project 761756 - Continuation)

\$55,212.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on the Kinetics of Phase Changes on Solids, Department of Metallurgical Engineering (J. P. Hirth), 15 December 1983 through 14 December 1984. (Project 760222 - Continuation)



March 2, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$52,328.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Analysis of Local Circuitry in the Inferior Olive, Department of Anatomy (G. A. Bishop), 1 February 1984 through 31 January 1985. (Project 763013 - Continuation)

\$38,056.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Preliminary Development of a Pedestrian Dummy Thorax and Thoracic Simulator, Department of Mechanical Engineering (D. A. Guenther), 1 October 1983 through 30 April 1984. (Project 762594 - Continuation)

\$34,840.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Pedestrian Impact Quantification and Human Trauma Correlation, Department of Mechanical Engineering (R. L. Stalnaker), 1 February 1984 through 31 July 1984. (Project 763465 - Continuation)

\$31,884.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Pedestrian Head Impact Reconstruction, Department of Mechanical Engineering (D. A. Guenther and J. A. Collins), 1 January 1984 through 31 December 1984. (Project 763952 - New)

\$29,554.00 - National Science Foundation, Washington, D. C., Nonlinear Wave Motion, Department of Mathematics (J. M. Greenberg), 1 January 1984 through 28 February 1985. (Project 763660 - Continuation)

\$27,636.00 - National Science Foundation, Washington, D. C., Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 January 1984 through 31 December 1984. (Project 761850 - Continuation)

\$25,000.00 - Department of the Navy, Naval Material Command, China Lake, California, Improvement of Mathematical Models to Predict the Near- and Far-Field Radio Frequency (RF) Characteristics of Realistic Jet Intakes, Department of Electrical Engineering, ElectroScience Laboratory (P. Pathak), 1 October 1983 through 30 September 1984. (Project 763957 - Continuation)

\$22,000.00 - Department of Energy, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1984 through 31 January 1985. (Project 762589 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$18,245.00 - National Science Foundation, Washington, D. C., Justice in Intergroup Relations: A Joint Seminar, Academic Faculty of Management Science (J. Greenberg), 15 January 1984 through 31 December 1984. (Project 763965 - New)

\$17,346.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Pedestrian Thorax Impact Reconstruction, Department of Mechanical Engineering (D. A. Guenther), 1 January 1984 through 30 June 1984. (Project 763951 - New)

\$9,100.00 - Department of the Navy, Naval Research Laboratory, Washington, D. C., Advanced Topics in Adaptive Arrays, Department of Electrical Engineering, ElectroScience Laboratory (R. T. Compton), 1 August 1983 through 31 July 1984. (Project 763784 - Continuation)

\$5,665.00 - National Science Foundation, Washington, D. C., Dissertation Research: Systematics of Clermontia (Angiospermae: Campanulaceae), Department of Botany (T. F. Stuessy), 1 January 1984 through 31 December 1985. (Project 763941 - New)

\$5,000.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational Safety and Health Training/Education and Related Assistance Capabilities, Administrative Science - Continuing Education (R. M. Montgomery and C. J. Slanicka), 1 October 1983 through 30 August 1984. (Project 761381 - Continuation)

\$3,762.00 - National Science Foundation, Washington, D. C., Special Molecular Theory-Molecular Spectroscopy Sessions at the 1984 Spectroscopy Symposium, June 11-15, 1984, Columbus, Ohio, Department of Chemistry (R. M. Pitzer), 15 January 1984 through 31 December 1984. (Project 763967 - New)

\$2,755.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Liposome-Macrophage Activating Factor for Clinical Use, Department of Medicine (J. R. Rinehart and C. C. Whitacre) and Department of Microbiology (B. Zwillig), 1 July 1983 through 30 June 1984. (Project 763199 - Continuation)

\$1,840.00 - Department of Education, Office of Vocational and Adult Education, Washington, D. C., Linking Community Collaborative Comprehensive Programs of Career Guidance with Youth Education and Employment Initiatives, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1981 through 31 December 1983. (Project 762892 - Continuation)

March 2, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$1,200.00 - Department of Energy, Federal Energy Regulatory Commission, Washington, D. C., Modification of CERES Program to Permit the Inclusion of Hydroelectric Units Having Differing Annual Capacity, National Regulatory Research Institute (D. N. Jones), 1 December 1983 through 31 January 1984. (Project 763953 - New)

TOTAL - FEDERAL AWARDS

\$8,876,771.00

State of Ohio Research Contracts/Grants

\$63,234.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Parent-Professional Interaction: A Key to Parental Involvement, College of Social Work (A. Riemenschneider), 1 October 1983 through 30 September 1984. (Project 762993 - Continuation)

\$5,000.00 - State of Ohio, Ohio Department of Mental Health, Columbus, Ohio, Graduate Nurse Training, College of Nursing (J. A. Clement), 1 January 1984 through 30 June 1984. (Project 763956 - New)

\$1,000.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, The Spiritual: A History and Performance, Department of English (M. E. Rucker), 3 January 1984 through 29 February 1984. (Project 763958 - New)

\$891.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, 1984: Vision and Reality, College of Humanities - Administration (C. D. Klopp), 12 December 1983 through 30 June 1984. (Project 763960 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 70,125.00

Industrial Research Contracts/Grants

\$180,000.00 - Rockwell International Corporation, Los Angeles, California, Radar Cross Section of Aircraft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr.), 15 December 1983 through 30 September 1984. (Project 763961 - Continuation)

\$149,337.00 - Union Carbide Corporation, Oak Ridge, Tennessee, Hypereutectic Heat Storage Shot, Department of Metallurgical Engineering (C. E. Mobley, Jr. and R. A. Rapp), 1 February 1984 through 31 October 1984. (Project 763884 - Continuation)

March 2, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$99,988.00 - Sandia Corporation, Albuquerque, New Mexico, Measure the Dynamic Force and Moment Characteristics for Airfoil Sections Intended for Use in Darrieus Vertical Axis Wind Turbine (VAWT) Blades, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 21 December 1983 through 30 September 1984. (Project 763955 - New)

\$65,288.00 - Price Waterhouse and Company, Washington, D C., ARAMCO Training Program, The National Center for Research in Vocational Education (R. E. Taylor), 15 April 1982 through 23 December 1983. (Project 763094 - Continuation)

\$54,965.00 - Sandia Corporation, Albuquerque, New Mexico, Compact Radar Scattering Range Analysis, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 4 January 1984 through 31 August 1984. (Project 763947 - New)

\$36,000.00 - Rockwell International, Los Angeles, California, Radar Cross Section of Aircraft/Avionics System, Department of Electrical Engineering, ElectroScience Laboratory, (L. Peters, Jr. and W. D. Burnside), 1 October 1983 through 30 September 1984. (Project 762982 - Continuation)

\$30,000.00 - Duphar V. B., Weesp, The Netherlands, Duphar-PTRI Collaborative Research, College of Pharmacy (D. T. Witiak and R. G. Rahwan), 1 January 1984 through 31 December 1984. (Project 763969 - New)

\$20,336.00 - Pioneer Hi-Bred International, Inc., Johnston, Iowa, Maize Rhabdovirus Identification and Characterization, Department of Plant Pathology - OARDC (D. T. Gordon) and Department of Entomology - OARDC (L. R. Nault), 1 January 1983 through 31 December 1984. (Project 763430 - Continuation)

\$11,200.00 - Ford Aerospace and Communications Corporation, Palo Alto, California, Design Study for a Sensitive Surface in 20 GHz/30 GHz Range, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 23 November 1983 through 23 December 1983. (Project 763925 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 647,114.00

Other Non-Federal Research Contracts/Grants

\$139,311.77 - American Cancer Society, Inc., New York, New York, Syngeneic Graft-vs-Host Disease in Rat Radiation Chimeras, Department of Medicine (P. J. Tutschka), 1 August 1983 through 31 December 1984. (Project 763963 - New)

March 2, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$50,000.00 - Gas Research Institute, Chicago, Illinois, Limitations on the Efficiency of the Solar Photoreduction of Carbon, Department of Biochemistry (R. T. Ross), 1 January 1984 through 31 December 1984. (Project 763124 - Continuation)

\$39,357.00 - American Cancer Society, Inc., New York, New York, Immunoradiotherapy Using Boronated Monoclonal Antibody, Department of Pathology (R. F. Barth), College of Pharmacy (A. H. Soloway) and Department of Mechanical Engineering (W. E. Carey), 1 January 1984 through 30 June 1984. (Project 762960 - Continuation)

\$36,894.00 - Battelle Memorial Institute, Columbus, Ohio, Relation between Microstructure and Fracture Toughness in a High Toughness, Complex, Low Alloy Steel, Department of Metallurgical Engineering (J. P. Hirth), 1 January 1984 through 31 December 1984. (Project 763047 - Continuation)

\$30,000.00 - California Institute of Technology, Pasadena, California, Support of the NASA Propagation Studies and Measurement Program, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis and E. K. Damon), 1 January 1984 through 31 March 1984. (Project 763692 - Continuation)

\$28,719.00 - Southeastern Ohio Technical Education Consortium, Nelsonville, Ohio, Cooperative Agreement between the Southeastern Ohio Technical Education Consortium and The Ohio State University Research Foundation, Cooperative Extension - State Operations (C. J. Cunningham) and Cooperative Extension - Field Operations (L. G. Sanford and D. P. Miller), 1 September 1983 through 30 June 1984. (Project 763318 - Continuation)

\$21,418.00 - Singapore Government, Singapore, Colombo Plan Staff College Review, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1983 through 31 March 1984. (Project 763860 - Continuation)

\$21,294.00 - University of New Hampshire, Durham, New Hampshire, Screening Experimental Iodine Water Purification Compounds, Department of Civil Engineering (A. J. Rubin), 12 October 1983 through 24 August 1985. (Project 763948 - New)

\$20,000.00 - Metropolitan Life Foundation, New York, New York, Managing Your Health, School of Health, Physical Education and Recreation (M. S. Chen) and University Health Service (D. I. Charles), 1 January 1984 through 30 June 1985. (Project 763943 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$19,710.00 - Southern Education Foundation, Atlanta, Georgia, Determinants of Black Students Participation in and Completion of Doctoral Degree Programs: Environmental and Organizational Influences, Department of Black Studies (J. N. Upton) and Graduate School - Administration (A. S. Pruitt), 2 January 1984 through 1 November 1984. (Project 763966 - New)

\$15,000.00 - American Federation for Aging Research, New York, New York, Crystal Analysis of Mineral Deposits in Senile Aortic Stenosis, Department of Medicine (P. K. Fulkerson) and College of Dentistry - Administration (D. W. Foreman), 1 January 1984 through 31 December 1984. (Project 763942 - New)

\$12,845.00 - Cleveland Public Schools, Cleveland, Ohio, Redesign of Cleveland's Technical-Vocational Education Program: Phase I--Review of Materials, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1983 through 29 February 1984. (Project 763962 - New)

\$12,250.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, NSABP Colo-Rectal Protocols, Cancer Research Center and Department of Surgery (W. B. Farrar) and Department of Medicine (J. A. Neidhart), 1 February 1983 through 31 January 1984. (Project 763581 - Continuation)

\$10,000.00 - Deafness Research Foundation, New York, New York, A Clinically Feasible Method for Determining Frequency Selectivity in a Clinical Population, Department of Otolaryngology (W. Melnick), 1 January 1984 through 31 December 1984. (Project 763940 - New)

\$8,392.00 - Battelle Memorial Institute, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (R. N. Christensen), 1 November 1983 through 31 January 1984. (Project 761731 - Continuation)

\$4,000.00 - Peralta Community College, Oakland, California and Caldwell Community College and Technical Institute, Hudson, North Carolina, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1983 through 30 June 1984. (Project 763548 - Continuation)

\$4,000.00 - University of Pittsburgh, Pittsburgh, Pennsylvania, The Treatment of Primary Breast Cancer, Cancer Research Center and Department of Surgery (W. B. Farrar) and Department of Medicine (J. A. Neidhart), 1 July 1983 through 31 January 1984. (Project 763659 - Continuation)

March 2, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$3,120.00 - United Cerebral Palsy of Columbus and Franklin County, Inc., Columbus, Ohio, Provision of Nutrition and Dietetic Services to United Cerebral Palsy of Columbus and Franklin County by Nisonger Center Nutrition Students, Nisonger Center for Mental Retardation (B. W. Kozlowski), 1 January 1984 through 30 June 1984. (Project 763964 - New)

\$1,830.00 - Hospital, Institution, and Educational Food Service Society, Hillside, Illinois, The Professional Competence Development of Food Managers, Department of Educational Theory and Practice (A. G. D'Costa), 10 January 1984 through 30 June 1984. (Project 763661 - Continuation)

\$750.00 - Greater Columbus Arts Council, Columbus, Ohio, The Spiritual: A History and Performance, Department of English (M. E. Rucker), 1 January 1984 through 30 April 1984. (Project 763959 - New)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 478,890.77

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$37,482.00 - Copeland Corporation, Sidney, Ohio, "Discharge Pulsations: Analysis and Control for Reduced Noise and Vibration", Department of Mechanical Engineering, 1 January 1984 through 31 December 1984. (529646)

\$28,880.00 - Bell Laboratories, Naperville, Illinois, "Laboratory Integrated Systems Research", Department of Computer and Information Science, 24 January 1984 through 23 August 1984. (529648)

\$15,016.00 - Lawrence Livermore National Laboratory, Livermore, California, "An Experimental Study of Heat-Transfer Efficiency in Arc-Spot and Laser-Spot Weldments", Department of Welding Engineering, 20 January 1984 through 30 September 1984. (529647)

\$15,000.00 - The Ohio State University Office of Physical Facilities, Columbus, Ohio, "Study of Energy Conservation for University Buildings--Program 4244", Department of Mechanical Engineering, 1 January 1984 through 30 April 1984. (529008)

\$14,600.00 - Reuter-Stokes Inc., Cleveland, Ohio, "Feasibility of Using In-Core Neutron Detectors for Coolant Level Sensing", Nuclear Engineering Program, 10 January 1984 through 10 April 1984. (529645)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 110,978.00

March 2, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Establishment of Named Funds

##### Robert H. Edgerley Environmental Toxicology Fund

The Robert H. Edgerley Environmental Toxicology Fund was established March 2, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Robert H. Edgerley.

Gifts to this fund are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used in support of graduate students in the College of Biological Sciences who are conducting thesis or dissertation research in environmental toxicology.

Awards will be made annually to one or more students upon the approval of the Dean of the College, based upon the recommendation of a committee composed of a graduate faculty member, with environmental experience, from each of the Departments of Entomology, Microbiology and Zoology and from the Environmental Biology Program. Awards are to provide stipends, supplies, equipment or travel at the discretion of the committee. The committee is to strive for an equitable pattern of allocations among the departments and the program.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for biological sciences education and research.

##### A. Allen Holmes Scholarship Fund

The A. Allen Holmes Scholarship Fund was established March 2, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of A. Allen Holmes.

This gift is to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for scholarships in the College of Law. In accordance with the terms of the estate, the principal of this fund may be used for scholarships in the College of Law. The dean of the College of Law will recommend when the principal may be used.



March 2, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### A. Allen Holmes Scholarship Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for legal education.

##### Grace Wolfe Kenson Lahm Student Loan Fund

The Grace Wolfe Kenson Lahm Student Loan Fund was established March 2, 1984, by the Board of Trustees of The Ohio State University with a gift from Donald J. Lett, J.D. '49, in honor of Mrs. Grace Wolfe Kenson Lahm.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for student loans for students attending The Ohio State University at Mansfield.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the entire fund shall be added to the Harold and Georgina Lett Fund at Ohio State Law School for award of the income to that student most dedicated to civil liberty under our constitution.

##### Broward County, Florida Alumni Scholarship Fund

The Broward County, Florida Alumni Scholarship Fund was established March 2, 1984, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of Broward County to The Ohio State University Development Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students from Broward County, Florida enrolled in The Ohio State University. The selection of the recipient(s) is to be made by the University Committee on Student Financial Aids upon recommendation of a selection committee from the Broward County, Florida Alumni Club. If there is no eligible candidate(s) for the scholarship, then the earnings are to be accumulated and awarded as appropriate at a future date.

March 2, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Broward County, Florida Alumni Scholarship Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships and student financial aids.

##### Harry and Carl Sonkin Memorial Award for Peace and International Understanding

The Harry and Carl Sonkin Memorial Award for Peace and International Understanding was established March 2, 1984, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from public subscription and the friends and families of Harry and Carl Sonkin.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for deserving graduate or senior undergraduate student(s) whose academic achievements and field of study may contribute to the pursuit of peace and international understanding. Selection of the recipient(s) is to be made by the Director of the University Center for International Studies in cooperation with the Dean of the College of Humanities and the Director of the Melton Center for Jewish Studies.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for academic programs in international studies.

##### Chester I. Randles Graduate Studies Scholarship Fund in Microbiology

The Chester I. Randles Graduate Studies Scholarship Fund in Microbiology was established March 2, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, faculty and friends of the Department of Microbiology and the College of Biological Sciences.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Chester I. Randles Graduate Studies Scholarship Fund in Microbiology (contd)

The annual income is to be used for support of worthy graduate students during the final year of their Ph.D. program in the Department of Microbiology in the College of Biological Sciences. The Chairman of the Department of Microbiology is authorized to utilize a portion or all of the available interest of the endowment and will have sole authority to authorize expenditures from the Fund, as approved by the Dean of the College of Biological Sciences. The principal amount of the endowment is not to be used.

Should the need for this Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Microbiology's teaching, research and service.

#### University Hospitals Endowment Fund

The University Hospitals Endowment Fund was established March 2, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from grateful patients and friends of University Hospitals as recommended by the Hospital Board.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income and/or principal is to be used to support various programs of the University Hospitals including those activities pertaining to patient care, teaching and research as determined by the Executive Director of the University Hospitals and the Vice President for Health Services and Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as recommended by the Hospital Board to the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for University Hospitals.

#### Change in Name of Fund

##### Hamilton, Kramer, Myers and Cheek Law Firm Fund

The Hamilton and Kramer Law Firm Fund was established February 2, 1962, by a gift through the Development Fund from the law offices of Hamilton and Kramer. The name was changed to the Hamilton, Kramer, Myers and Cheek Law Firm Fund, March 2, 1984. The principal and any additional contributions

March 2, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Change in Name of Fund (contd)

##### Hamilton, Kramer, Myers and Cheek Law Firm Fund (contd)

are to be invested under rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The income shall be used for aid and assistance to deserving law students as determined by the Dean of the College of Law.

#### Change in Description of Named Funds

##### The Partners and Employees of Price Waterhouse Endowment Fund

The Partners and Employees of Price Waterhouse Endowment Fund was established December 15, 1976, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University from alumni and friends on the staff of Price Waterhouse and the Price Waterhouse Foundation.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income may be used for financial assistance to undergraduate and graduate accounting students, for continuing education of its faculty members, for research programs undertaken by faculty members, for the recruitment of new faculty members and for purposes deemed appropriate to the Academic Faculty of Accounting. Requests for expenditures of funds will be initiated by the chairman of the Department and approved by the dean of the College of Administrative Science and the partner-in-charge at Price Waterhouse, Columbus, Ohio.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as designated by the partner-in-charge of Price Waterhouse, Columbus, Ohio, or, if no such person exists or the fund ceases to be active, as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for accounting education.

##### Biological Environmental Research Fund

The Biological Environmental Research Fund was established May 7, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Columbia Gas of Ohio.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Funds (contd)

Biological Environmental Research Fund (contd)

Gifts to this fund are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for support of biological environmental research to be conducted by faculty in the College of Biological Sciences at the Neotoma preserve, Hocking County, Ohio. The Dean of the College of Biological Sciences will have sole authority to approve expenditures from the fund.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for biological sciences education and research.

Biological Sciences Student Activities Fund

The Biological Sciences Student Activities Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends of the College of Biological Sciences.

Gifts to this fund are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for support of activities of students in the College of Biological Sciences. The Dean of the College of Biological Sciences will have sole authority to approve expenditures from the fund.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for biological sciences education and research.

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March 2, 1984 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND  
REQUEST FOR CONSTRUCTION BIDS  
UNIVERSITY AIRPORT RENOVATIONS, FISCAL YEAR 1984

Resolution No. 84-95

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS The Ohio State University has obtained a grant from the Federal Aviation Administration to provide ninety per cent funding for Airport renovation work consisting of widening and overlaying taxiway B, relocating the threshold of runway 23, and relocating the Airport boundary security fence; and

WHEREAS the remaining ten per cent of this project will be funded from University funds, for a total project cost of \$324,798;

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified engineering firm for this project in conjunction with the Department of Administrative Services and that the fees for this engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Redman, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EMPLOYMENT OF ARCHITECT/ENGINEER AND  
REQUEST FOR CONSTRUCTION BIDS  
ENERGY CONSERVATION MODIFICATIONS - LARKINS HALL (ECM 10)

Resolution No. 84-96

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS The Ohio State University has been selected by the U. S. Department of Energy to receive funding under Title III Cycle V of the Department of Energy's Federal Institutional Grants Program; and

WHEREAS the grant will provide approximately fifty per cent funding for the energy modification project for Larkins Hall with the remainder of the project being funded from University funds for a total project cost of \$275,647; and

March 2, 1984 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND  
REQUEST FOR CONSTRUCTION BIDS  
ENERGY CONSERVATION MODIFICATIONS - LARKINS HALL (ECM 10) (contd)

WHEREAS this energy conservation measure will provide for system modification to air supply and return systems, piping modifications, and temperature and humidity control systems, with a payback in approximately 17 months:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified engineering firm for this project in conjunction with the Department of Administrative Services and that the fees for this engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Hilliker, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EMPLOYMENT OF ARCHITECT/ENGINEER AND  
REQUEST FOR CONSTRUCTION BIDS  
ENERGY CONSERVATION MODIFICATIONS - SCOTT HALL (ECM 12)  
Resolution No. 84-97

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS The Ohio State University has been selected by the U. S. Department of Energy to receive funding under Title III Cycle V of the Department of Energy's Federal Institutional Grants Program; and

WHEREAS this grant will provide approximately fifty per cent funding for the energy modification project for Scott Hall, with the remainder of the project being funded from University funds for a total project cost of \$152,174; and

WHEREAS this energy conservation measure will provide for replacement of a gas fired absorption chiller with a high efficiency electric drive chiller with a payback in approximately 17 months:

NOW THEREFORE

March 2, 1984 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND  
REQUEST FOR CONSTRUCTION BIDS  
ENERGY CONSERVATION MODIFICATIONS - SCOTT HALL (ECM 12) (contd)

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified engineering firm for this project in conjunction with the Department of Administrative Services and that the fees for this engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Berry, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EMPLOYMENT OF ARCHITECT/ENGINEER AND  
REQUEST FOR CONSTRUCTION BIDS  
LINCOLN AND MORRILL TOWERS  
BRIDGE AND WALK REPAIRS

Resolution No. 84-98

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS the bridges and walks around Lincoln and Morrill Towers have deteriorated necessitating removal and repair of some portions, repair of cracks, and correction of drainage problems, with the entire surface being coated with a liquid sealant to retard further deterioration; and

WHEREAS the project involves repairs to six bridges totaling ten spans, including walks and \$115,000 has been appropriated from Budget Account 210134 (Contract Repair) for this purpose:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified engineering firm for this project in conjunction with the Department of Administrative Services, and that the fees for this engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and



March 2, 1984 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND  
REQUEST FOR CONSTRUCTION BIDS  
LINCOLN AND MORRILL TOWERS  
BRIDGE AND WALK REPAIRS (contd)

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to proceed to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Teaford, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 84-99

Synopsis: Approval of plans and specifications for the following projects is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

CAMPUS ENTRANCE RENOVATION  
12TH AVENUE AND HIGH STREET AND  
WOODRUFF AVENUE AND HIGH STREET

Project: Provide paving and construction of limestone entrance wall panels with the University logo to enhance the identification of these areas as entrances to the Campus.

Funding: B/A 210134 (Contract Repair)

Estimated Project Cost: \$120,000.00

TWELFTH AVENUE - REPAIR AND RESURFACE  
NEIL AVENUE TO HIGH STREET

Project: Plane off existing surface, excavate and patch areas which are badly deteriorated, install new curbs where needed and resurface with asphalt overlay.

Funding: B/A 210134 (Contract Repair)

Estimated Project Cost: \$85,000.00

March 2, 1984 meeting, Board of Trustees

## PLANS AND SPECIFICATIONS (contd)

### CAMPUS PLANTING

**Project:** Services including labor, plant materials, equipment and material necessary to provide planting around Kottman Hall, Page Hall, the Ohio Union, and along Woody Hayes Drive.

**Fundings:** B/A 210134 (Contract Repair)

**Estimated Project Cost:** \$71,000.00

### NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Berry, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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## REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 84-100

**Synopsis:** Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

### SAWTOOTH REPLACEMENT - PHASE II

**Description:** Construction of a modern facility to replace the demolished "Sawtooth" portion of McPherson Chemistry Laboratories, including equipment and machinery, providing classrooms, laboratories, and offices. The estimated completion date is March, 1986.

March 2, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

SAWTOOTH REPLACEMENT - PHASE II (contd)

General Contract

Date Received:	January 17, 1984
No. of Bids:	12
Low Bid:	\$ 6,252,000.00*
High Bid:	\$ 7,161,000.00*
Estimate of Cost:	\$ 7,305,758.00*
Awarded to:	Massaro Corp., Pittsburgh, Pennsylvania

Plumbing Contract

Date Received:	January 10, 1984
No. of Bids:	5
Low Bid:	\$ 687,500.00*
High Bid:	\$ 1,107,563.00*
Estimate of Cost:	\$ 959,680.00*
Awarded to:	Julian Speer, Columbus, Ohio

Fire Protection Contract

Date Received:	January 10, 1984
No. of Bids:	5
Low Bid:	\$ 132,650.00*
High Bid:	\$ 174,878.00*
Estimate of Cost:	\$ 465,137.00*
Awarded to:	Grunau Fire Protection, Cincinnati, Ohio

\*Recommended alternates reflected in these figures.

March 2, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

SAWTOOTH REPLACEMENT - PHASE II (contd)

HVAC Contract

Date Received:	January 10, 1984
No. of Bids:	7
Low Bid:	\$ 2,639,730.00*
High Bid:	\$ 2,953,900.00*
Estimate of Cost:	\$ 3,984,900.00*
Awarded to:	Sauer Mechanical, Columbus, Ohio

Electrical Contract

Date Received:	January 10, 1984
No. of Bids:	11
Low Bid:	\$ 738,483.00*
High Bid:	\$ 1,331,018.00*
Estimate of Cost:	\$ 1,745,500.00*
Awarded to:	Seco Electric, Columbus, Ohio

Total All Contracts:	\$10,450,363.00*
Total Contingency Allowance:	\$ 1,049,541.30 (which is 10 per cent of construction costs)
Total Project Cost:	\$15,574,809.00*
Funding:	Am. Sub. H.B. 552

\*Recommended alternates reflected in these figures.

ENERGY MODIFICATIONS - LAUNDRY BUILDING (ECM 9)

Description: This energy conservation project provides for the installation of heat recovery coils in the boiler stacks at the Laundry, which lowers the temperatures in the existing stacks, thus prolonging the life cycle usage while providing a source of recoverable heat to be utilized in preheating domestic water requirements at the Laundry units with a payback in approximately two years and nine months. The estimated completion date is December, 1984.

March 2, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ENERGY MODIFICATIONS - LAUNDRY BUILDING (ECM 9) (contd)

Mechanical Contract

Date Received:	January 20, 1984
No. of Bids:	4
Low Bid:	\$47,010.00*
High Bid:	\$55,500.00*
Estimate of Cost:	\$52,700.00*
Awarded to:	Progress Mechanical Corp., Lancaster, Ohio
Total All Contracts:	\$47,010.00*
Total Contingency Allowance:	\$ 7,425.16 (which is 16 per cent of construction costs)
Total Project Cost:	\$63,043.00*
Funding:	University Funds Account 885918 (\$35,868) and Federal Grant (\$27,175)

\*Recommended alternate reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Hilliker, seconded by Mr. Teafor, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT ON THE SALE OF SOUTH CAMPUS PROPERTIES

Resolution No. 84-101

Synopsis: Report on the sale of six South Campus properties is presented.

WHEREAS The Ohio State University owns six properties in the South Campus area, located at 85, 137, and 167 West Tenth Avenue, 138 and 176 West Ninth Avenue, and 1556-1558 Hunter Avenue, all of which properties are titled in the State of Ohio for the use of the University; and

March 2, 1984 meeting, Board of Trustees

REPORT ON THE SALE OF SOUTH CAMPUS PROPERTIES (contd)

WHEREAS these properties are outside the official campus master plan acquisition boundary and are not needed for the educational or support requirements of the University; and

WHEREAS Amended House Bill 721 of 114th General Assembly authorized the Department of Administrative Services, on behalf of the University, to sell these six properties by competitive bidding to the highest acceptable bidder at not less than the appraised value, with the net proceeds of the sale being paid to the University's General Fund for the purpose of purchasing other real property within the official campus master plan acquisition boundary required by the University in support of the University's teaching and research programs; and

WHEREAS the Department of Administrative Services secured appraisals, offered these properties for sale, and on December 2, 1983, received the following high bids:

85 West Tenth Avenue and 1556-1558 Hunter Avenue

Appraised value:	\$51,000.00
High bid:	\$60,100.00 (Dr. Larry D. Snyder)

137 West Tenth Avenue

Appraised value:	\$15,000.00
High bid:	\$16,200.00 (Inn-Town Homes)

167 West Tenth Avenue

Appraised value:	\$46,000.00
High bid:	\$50,100.00 (Inn-Town Homes)

138 West Ninth Avenue

Appraised value:	\$39,500.00
High bid:	\$40,100.00 (Richard L. Snyder)

176 West Ninth Avenue

Appraised value:	\$42,500.00
High bid:	\$43,100.00 (Dr. Larry D. Snyder)

WHEREAS upon recommendation by the University, the Department of Administrative Services has accepted these bids and is proceeding to finalize the sale of these properties to the high bidders identified above and upon completion of these sales will pay to the University the net proceeds received from the sale:

NOW THEREFORE

March 2, 1984 meeting, Board of Trustees

REPORT ON THE SALE OF SOUTH CAMPUS PROPERTIES (contd)

BE IT RESOLVED, That this report on the sale of these six South Campus properties be received and accepted by this Board.

Upon motion of Mr. Berry, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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LEASE AND DEVELOPMENT OF LAND  
INTERSECTION OF OLENTANGY RIVER ROAD AND ACKERMAN ROAD  
Resolution No. 84-102

Synopsis: Lease for the development of 2.8 acres of University land at the intersection of Olentangy River Road and Ackerman Road is proposed.

WHEREAS The Ohio State University owns a 2.8 acre parcel of undeveloped land located at the northwest corner of the intersection of Olentangy River Road and Ackerman Road; and

WHEREAS the University has solicited competitive proposals for the development of this land; and

WHEREAS the University, based on the proposals received, is negotiating a lease agreement with Red Roof Inns, Inc., under which Red Roof Inns will lease this parcel of land and develop, construct, and operate a motel; and

WHEREAS the appropriate University offices are in agreement as to the desirability of leasing this parcel of land for this purpose;

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to negotiate the terms of the proposed lease with Red Roofs Inns, Inc., and to request the Department of Administrative Services, on behalf of the University, develop and execute the necessary legal instruments for this lease.

Upon motion of Mr. Berry, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PROCLAMATION - "SING OHIO'S PRAISE WEEK"  
Resolution No. 84-103

WHEREAS The Ohio State University is recognized nationally and internationally for the strength of its academic programs and attracts some of the nation's top scholars; and

March 2, 1984 meeting, Board of Trustees

PROCLAMATION - "SING OHIO'S PRAISE WEEK" (contd)

WHEREAS students and faculty at The Ohio State University are not always familiar with the breadth of this strength, especially in areas outside their academic disciplines; and

WHEREAS "Sing Ohio's Praise" is a campaign designed and sponsored by Ohio Stater's, Inc., a student-faculty service organization, to promote and encourage greater awareness of academic excellence at The Ohio State University;

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University hereby proclaims the week of March 4 through 11, 1984, as "Sing Ohio's Praise Week" at The Ohio State University.

Upon motion of Mr. Teaford, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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COMMENDATION FOR FAYE S. SMITH

Resolution No. 84-104

WHEREAS Mrs. Faye S. Smith has worked at The Ohio State University for twenty-six years, and has been employed in the administrative office of the Board of Trustees since 1960; and

WHEREAS during this time she has played a major role in coordinating and preparing agenda materials for Board meetings, recording official proceedings of the meetings, updating and publishing the Bylaws of the Board of Trustees and the Rules of the University Faculty, and other functions involving the records, responsibilities, and day-to-day administration of the Board office; and

WHEREAS Mrs. Smith has worked for three Secretaries of the Board and her tenure at the University has overlapped the terms of three Presidents; and

WHEREAS her knowledge of the history of The Ohio State University during the last quarter century and beyond is rivaled by few persons, and her devotion to accuracy, thoroughness, and the highest standards of quality has been consistently demonstrated in every function she has performed; and

WHEREAS Mrs. Smith has indicated her desire to retire on March 30, 1984:

NOW THEREFORE

BE IT RESOLVED, That this Board expresses to Faye S. Smith its deep appreciation and gratitude for these many years of extraordinary service to the University and the Board of Trustees, and conveys to her its very best wishes for health and happiness in the years ahead.

Upon motion of Mr. Hilliker, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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March 2, 1984 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-105

RESOLVED, That the report on the University's Investment Portfolio, dated February 17, 1984, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, April 6, 1984, at The Ohio State University Mansfield Campus, Mansfield, Ohio, at 10:30 a.m.

Attest:

Madison H. Scott  
Secretary

John D. Jacob, D.D.S.  
Chairman

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APPENDIX III

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

March 16, 1984

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## Commencement Speaker

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### **Robert C. Good**

#### **Doctor of Humane Letters**

Robert C. Good, president of Denison University in Granville, has combined an academic career with untiring service to his country. Good will leave the presidency of Denison this spring after seven years in the position. Robert Good was born in 1924 in Mount Vernon, N.Y. He received a bachelor of arts degree from Haverford College, a bachelor of divinity degree from Yale University Divinity School, and a Ph.D. in international relations from Yale. He is a member of Phi Beta Kappa. His academic service began in 1953 with teaching duties in international relations at the University of Denver. From 1958 through 1961, he was affiliated with the Washington Center of Foreign Policy Research at Johns Hopkins University and later was director of the Carnegie Endowment Seminar in Diplomacy in Washington, D.C. Dr. Good was director of President-elect Kennedy's Task Force on Africa in 1960, and in 1961 was appointed director of the Office of Research and Analysis for Africa at the Department of State. He received the Department of State's Superior Honor Award in 1964. He served as U.S. Ambassador to Zambia from 1965-1969. In 1970 he returned to the University of Denver to become dean of the Graduate School of International Studies and director of the Social Science Foundation. He assumed the presidency of Denison University on September 1, 1976. Dr. Good's professional service and personal strength have inspired his students, his colleagues, and his nation. The University is honored to recognize his achievements.

## Recipients of Honors

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### Fred Machetanz

#### Doctor of Humane Letters

After Fred Machetanz received his master of fine arts degree from Ohio State in 1935, he was given a six-week trip to Alaska to visit his uncle's rural trading post. His experiences on that journey inspired his life's work: portrayal of images of Alaskan life and wildlife through paintings, lithographs, illustrations and writings. His work provides an immeasurably valuable historical and artistic record of his adopted state. Machetanz is known as the "dean of Alaskan painters." He was elected to the Alaska Hall of Fame in 1966 and was named "Alaskan of the Year" in 1977. In 1981, American Artist magazine named him "Artist of the Year." He has illustrated a dozen books, several of which he wrote. He has been featured in one-man shows in Alaska, Seattle, St. Louis, and London and his work is included in permanent exhibits in Alaska, Canada, Washington, D.C., and the Explorer's Club of New York. He has completed four film productions and created a series of 50 stone lithographs from 1946 to 1980. Machetanz was born in 1908 in Kenton, Ohio. He earned a bachelor's degree from Ohio State in 1930 and the master of fine arts in 1935. He later studied at the Chicago Art Institute. After working as an illustrator for Charles Scribner's Sons in New York City, he served in World War II as a lieutenant commander of intelligence in the North Pacific Command. The University is proud to acknowledge the contributions this distinguished alumnus has made to the art and culture of a state and a nation.



## The Graduate School

Dean: Jules B. LaPidus

### Doctor of Musical Arts

**Susan Jeanne Woodard**, Garden City, N.Y.; B.A. (Adelphi University); M.M. Music;  
Dr. Richard Tetley-Kardos

### Doctor of Philosophy

**Mohammad Rajab Al-Jabert**, Jordan; B.S. (American University of Beirut); M.A.; Education  
Dr. Jack R. Fymer

**James Anthony Arnett**, Westerville, B.S. (Otterbein College); M.A.; Psychology;  
Dr. W. Bruce Walsh

**William Eugene Ayen**, Colorado Springs, Colo.; B.S. (University of Wisconsin at Platteville); M.S. (University of Missouri at Rolla); Computer and Information Science;  
Dr. Sandra A. Mamrak

**Elfadil Abdelrahman Babiker**, Alkurow, Karema, Sudan; B.S. (University of Kartoum); M.S. (University of Missouri at Rolla); Agronomy;  
Dr. Paul R. Henderlong

**Cynthia Ann Beach**, Toledo; B.A. (Wittenberg University); Pharmacology;  
Dr. Nicholas Gerber

**Diane Dewhurst Belcher**, Columbus; B.A. (George Washington University); M.A.; English;  
Dr. Richard D. Altick

**Emyrtle Hayes Bennett**, Jefferson; B.S.; M.A.; Education  
Dr. James V. Wigil

**Richard G. Bentley**, Kent; B.S. (Western Michigan University); M.A. (University of Michigan); Education;  
Dr. E. Keith Blankenbaker

**Sarah Tili Boysen**, Sandusky; B.S.; M.S. (University of Oklahoma at Norman); Psychology  
Dr. David Hothersall

**Claire Ann Cajacob**, Toledo; B.S. (John Carroll University); Chemistry;  
Dr. Perry A. Frey

**Paul Edward Carlson**, Victoria, Tex.; B.A. (Bethel College); M.Ed., Ed.D. (University of Massachusetts); Education;  
Dr. Thomas M. Stephens

**Michael Vaughn Carter**, Huntington, W.Va.; B.A., M.A. (Marshall University); Agricultural Economics and Rural Sociology;  
Dr. Ted L. Napier

**Yueh-Chi Chang**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S.; Electrical Engineering;  
Dr. Roger C. Rudduck

**Li-Hui Chen**, Taichung, Taiwan, R.O.C.; B.S. (National Tsing Hua University); Metallurgical Engineering;  
Dr. David A. Rigney

**Usha Abrol Chowdhary**, Delhi, India; B.S. (Lady Irwin College); M.S. (Faculty of Home Science); Home Economics;  
Dr. Lois E. Dickey

**Paul Chi-Keung Chung**, Taipei, Taiwan, R.O.C.; B.S. (Tainkang University); M.S. (Florida Institute of Technology); M.S.; Metallurgical Engineering;  
Dr. Digby D. Macdonald

**Robert Gregory Cuss**, North Haledon, N.J.; B.A. (Boston University); Medical Microbiology and Immunology;  
Dr. Norman L. Somerson

**Robert Thomas Coan**, Grove City; B.A.; M.A.; Communication;  
Dr. Keith Brooks

**Roger Allen Collinsworth**, New Lebanon; B.S. (University of Dayton); M.S. (Eastern Kentucky University); Sociology;  
Dr. Richard J. Lundman

**Moacyr Corsi**, Socorro, S.P., Brazil; B.S. (Esc. Sup. Agr. Luiz Queiroz); M.S.; Agronomy;  
Dr. Robert W. Van Keuren

**Michael Bruce Crisler**, Batavia, Ill.; B.S. (Georgia Institute of Technology); Physics;  
Dr. Thomas A. Romanowski

**Endwell Obene Daso**, Buguma, Rivers State, Nigeria; B.S. (University of Minnesota); M.S. (The Pennsylvania State University); Aeronautical and Astronautical Engineering;  
Dr. Stuart L. Petrie

**Arlene Holdeman DeRlenzo**, Columbus; B.S. (Southern Illinois University); M.A.; Psychology;  
Dr. Henry Leland

**Shulin Ding**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); Pharmacy;  
Dr. Louis Malspeis

**Ery Euzebio dos Anjos**, Vitoria, E. Santo, Brazil; B.A. (Wilmington College); M.A. (University of Florida); Agricultural Economics and Rural Sociology;  
Dr. William L. Flinn

**Patricia Jane Duncan**, Charlotte, N.C.; B.S. (Queens College); M.S. (North Carolina State University); Horticulture;  
Dr. T. Davis Sydnor

**Lugard Arthur Etuk**, Cross River State, Nigeria; B.S. (University of Nebraska); B.S. (Michigan Technological University); M.S., M.Ed. (Prairie View A&M University); Agricultural Education;  
Dr. J. David McCracken

**Timothy Alan Farmer**, North Muskegon, Mich.; B.S. (Lake Superior State College); M.A.; Accounting;  
Dr. Jesse F. Dillard

**Bernard Thomas French**, Morganfield, Ky.; B.S. (Murray State University); Physiological Chemistry;  
Dr. Thomas E. Webb

**Craig Gerald Harms**, Neptune Beach, Fl.; B.S., B.A. (Bowling Green State University); M.B.A.; Business Administration;  
Dr. Larry P. Ritzman

**Joseph Stephen Hemmner**, Columbus; B.S. (Massachusetts Institute of Technology); M.S. (University of Massachusetts at Boston); Mathematics;  
Dr. Eiichi Barnai

**Joseph Thomas Hentges**, Cannon Falls, Minn.; B.S., M.S. (College of St. Thomas); Ed.Spec. (Mankato State University); Education;  
Dr. Luvern L. Cunningham

**Joan Otto Hildebrand**, Upper Arlington; B.S., M.A.; Psychology;  
Dr. W. Bruce Walsh

**Alfred Ablosch Jarrett**, Austin, Tex.; A.A. (Eastern Iowa Community College); B.A., M.A. (Sangamon State University); Social Work;  
Dr. Milton S. Rosner

**Victor Vincent Kaminski**, Cleveland; B.S. (Columbia University); Chemistry;  
Dr. John S. Swenton

**Mitchell M. Kanter**, Sheepshead Bay, N.Y.; B.A., M.S. (Queens College); Health, Physical Education and Recreation  
Dr. Robert L. Bartels

**I-pleng Kao**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); M.S.; Computer and Information Science;  
Dr. Tse-yun Feng

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- Robert Jaewook Kahng**, Dublin, B.S. [Case Western Reserve University]; *Electrical Engineering*
- Sandra Lee Kaplan**, Columbus; B.S. [University of Connecticut at Storrs]; *Allied Medical Professions*
- William George Kass**, Silver Springs, Md.; B.A. [Fairleigh Dickinson University]; *Geodetic Science and Surveying*
- Rosmarie Kelly**, Aurora; B.A. [Hiram College]; *Zoology*
- Andrew William Kendall**, Columbus; B.A. [Miami University]; *Natural Resources*
- Robert Louis Kibler**, Greensboro, Md.; B.S. [University of Cincinnati]; *Electrical Engineering*
- Megan Elizabeth Koch**, Jefferson; B.A. [Sweet Briar College]; *Animal Science*
- Sudhir Babu Koganti**, Tenali, Andhra Pradesh, India; B.S. [Indian Institute of Technology]; *Nuclear Engineering*
- Maureen Doohan Kowba**, Rochester, N.Y.; B.S. [Niagara University]; *Nursing*
- Philip Jay Krauskopf**, Reynoldsburg; B.S.; *Mathematics*
- Raed Kuzbari**, Damascus, Syria; B.S.; *Civil Engineering*
- Kevin Michael Lambert**, Hamilton; B.S. [University of Cincinnati]; *Electrical Engineering*
- Kader Laroussi**, Columbus, B.S. [Case Western Reserve University]; *Electrical Engineering*
- Sung-Ik Lee**, Seoul, Korea; B.S. [Sogang University in Korea]; *Physics*
- Yeln-Ming Leo Lee**, Taiwan, R.O.C.; B.S. [National Taiwan University]; *Chemical Engineering*
- Gregory Charles Leighton**, Columbus; B.S. [University of Dayton]; *Horticulture*
- Richard Edward Leonard**, Redondo Beach, Calif. B.S.; *Electrical Engineering*
- Chieh-Jung Alexander Lin**, Taipei, Taiwan, R.O.C.; B.S. [Tatung Institute of Technology]; *Mechanical Engineering*
- Welfan Lin**, Chia-Yi, Taiwan, R.O.C.; B.S. [Feng Chia University]; *Electrical Engineering*
- Jer-Sheng Liou**, Taiwan, R.O.C.; B.S. [National Chung-Hsing University]; M.S.; *Chemical Engineering*
- Chang-Tsang Liu**, Taichung, Taiwan, R.O.C.; B.S. [National Taiwan University]; *Electrical Engineering*
- Neil Daniel Lowry**, Youngstown; B.Eng. [Youngstown State University]; *Civil Engineering*
- Muh Jung Lu**, Maioli, Taiwan, R.O.C.; B.S. [Tunghai University]; *Welding Engineering*
- Steven Thomas Luebers**, Cincinnati, B.S.; *Food Science and Nutrition*

- Anthony Alexander Madejewski**, Cleveland; B.S.; *Electrical Engineering*
- Scott Lawrence MacKinnon**, Mentor; B.S. (Cleveland State University); *Chemical Engineering*
- Carol-Ann Marie Malley**, Scranton, Pa.; B.S. (The Pennsylvania State University); *Agronomy*
- Masataka Matsura**, Mishima, Shizuoka, Japan; B.S. (Science University of Tokyo); *Industrial and Systems Engineering*
- Francine Jane Matteson**, Easton, Pa.; B.S. (The Pennsylvania State University); *Home Economics*
- Heleen S. McClaskie**, Columbus; *Home Economics*
- Chung-Ping John Meng**, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); M.S. (University of Missouri at Rolla); *Welding Engineering*
- Lisa Jean Messing**, Columbus; B.A. (Mansfield State College); *Industrial and Systems Engineering*
- Vipul Aspi Mistry**, Bombay, Maharashtra, India; B.Eng. (Manipal Institute of Technology); *Welding Engineering*
- Kathleen Mary Murphy**, Columbus; B.S.N. (Niagara University); *Nursing*
- Willy Bernedicto Mutale**, Lusaka, Zambia, Zambia; B.Eng. (University of Zambia); *Civil Engineering*
- Soma Sekhar N.**, Madras, India; B.S. (Indian Institute of Technology); *Metallurgical Engineering*
- Nancy Jane Nasser**, Louisville, Ky.; B.S. (Miami University); *Home Economics*
- Deborah Ann Nemunaitis**, Gates Mills; B.S. (Cleveland State University); *Allied Medical Professions*
- Chanyudh Noppom**, Bangkok, Thailand; B.S. (Ohio Northern University); *Mechanical Engineering*
- Michael Redmond O'Grady**, Guelph, Ontario, Canada; D.V.M. (University of Guelph); *Veterinary Clinical Sciences*
- Andrew Edward Oden, Jr.**, Columbus; B.S.; *Agricultural Economics and Rural Sociology*
- David Mark Ogle**, Westerville; B.S.; *Computer and Information Science*
- Yong Joon Paek**, Columbus; B.S., M.S. (Seoul National University); M.S. (University of Illinois); *Civil Engineering*
- Karen Joanne Paoletti**, Columbus; B.S.; *Civil Engineering*
- Thelma Elaine Patrick**, Hubbard; B.S. (Slippery Rock State College); *Nursing*
- Kevin C. Patterson**, Broadview Hts.; B.S. (Cleveland State University); *Chemical Engineering*
- Beth René Perrine**, Newton Falls; B.S.; *Horticulture*
- Christian Carl Petersilge**, Newark; B.S.; *Mechanical Engineering*
- Daniel Richard Petit**, Doylestown; B.S. (Kent State University); *Zoology*
- Carl Wilhelm Irene Plstorius**, Pretoria, South Africa; B.S. Sc., B.Eng. (Hons.) (University of Pretoria); *Electrical Engineering*
- Shari L. Plimpton**, Columbus; B.S.; *Horticulture*
- Timothy Lawrence Ravine**, Canton; B.S. (University of Dayton); *Mechanical Engineering*
- Partella Basil Riso**, Columbus; B.S. (California State University at Pomona); *Agricultural Education*
- Rees Ann Robinson**, Akron; B.S.; *Civil Engineering*
- Deborah Anne Rosendahl**, Kirtland; B.S.; *Agricultural Economics and Rural Sociology*
- Michael Thomas Rupp**, Scott City, Ks.; B.S. (University of Kansas); *Pharmacy*
- Joseph Richard Sabino, Jr.**, Columbus; B.S.; *Pharmacy*
- Surendra Saboo**, Jaipur, Rajasthan India; B.S. (Birla Institute of Technology); *Industrial and Systems Engineering*
- James Dennis Sater**, St. Charles, Mo.; B.S. (University of Missouri at Rolla); *Physics*
- Shelley Marie Schallp**, Columbus; B.S.W. (Capital University); *Home Economics*
- Allen Michael Schwartz**, Zanesville; B.S.; *Allied Medical Professions*
- Lisa Ruth Scribner**, Wauwatosa, Wisc.; B.S. (University of Wisconsin at Eau Claire); *Anatomy*
- Scott Allen Sharkey**, Columbus; B.A. (Wittenberg University); *Computer and Information Science*
- Dale Herman Shawik**, Bucyrus; B.S.; *Animal Science*
- Rong-Chyu Sheen**, Tainan, Taiwan, R.O.C.; B.S. (Hsing-Hua University); M.S.; *Computer and Information Science*
- Chen-Chi Shing**, Blacksburg, Va.; B.S. (National Cheng Kung University); M.S. (Virginia Polytechnic Institute); *Statistics*
- Hue-Min Wu Shyu**, Taipei, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); *Welding Engineering*
- Shvasankaran Srikanth**, Madurai, Tamil Nadu, India; B.S. (Madras University); *Electrical Engineering*
- Barbara Lynn Stiver**, Warren; B.S. (Westminster College); *Environmental Biology*
- Nasir Muneer Syed**, Karachi, Sind, Pakistan; B.S. (N.E.D. Engineering University); *Aeronautical and Astronautical Engineering*
- Linda Biggs Thornhill**, Wright City, Mo.; B.S. (Guilford College); *Zoology*
- Yong-Song Tsai**, Taipei, Taiwan, R.O.C.; B.S., M.S. (National Tsing-Hua University); *Metallurgical Engineering*
- Michele Marie Turner**, Centerville; B.S.N. (Capital University); *Nursing*
- Pai-Hsiang Wang**, Chiayi, Taiwan, R.O.C.; B.S. (Chinese Cultural University); *Natural Resources*
- Ta-Wei Wang**, Taipei, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); *Mechanical Engineering*
- Mark Edward Watkins**, Marion; B.S.; *Metallurgical Engineering*
- Janet Lee Weingart**, Galion; B.S.; *Zoology*
- Albert Ernest Weller, III**, Columbus; B.S.; *Electrical Engineering*
- Gregory Thomas West**, Salisbury; B.S. (University of Delaware); *Agricultural Engineering*
- Jeannette Dutcher Wilson**, Delaware; B.S. (Manchester College); *Home Economics*
- Atchana Wongchaisuwat**, Bangkok, Thailand; B.S. (Chulalongkorn University); *Chemistry*
- Cheng-Shung Jesse Wu**, Columbus; B.A. (National Cheng-Kung University); M.S.; *Computer and Information Science*
- Allan Frank Zaenger**, Columbus; B.S.; *Pharmacy*

## Master of Social Work

- Jo Ann Chaney**, Coshocton; B.A. (Olivet Nazarene College); *Social Work*
- Diane Scott Derringer**, Pittsburgh, Pa.; B.A. (Otterbein College); *Social Work*
- Susan Marie Dindal**, Findlay; B.S. (Urbana College); *Social Work*
- Jackie Lynn Schwartz**, Columbus; B.A. (Ohio University); *Social Work*
- Suzanne Louise Walton**, Fresno; B.A. (Malone College); *Social Work*

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:  
Andrew J. Broekema

Vice Provost for the Arts and Sciences:  
Thomas A. Willke

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of the Arts  
College of Biological Sciences  
College of Humanities  
College of Mathematical and Physical Sciences  
College of Social and Behavioral Sciences

## College of the Arts

Dean: Andrew J. Broekema

### Bachelor of Arts

Joyce Ellen Bushman, Massillon  
Tamera Lynn Davis, Springfield  
James Hugh Knapke, Glandorf  
David Mark Robinson, Columbus  
Jack Sekowski, Springfield  
Farid Shams, Upper Arlington  
Barbara Jean Smith, Lima  
Michael D. Starcher, Alexandria, Va.  
Debra Kay Walklet, Nashport  
Scott Edward Wise, Walton Hills

### Bachelor of Fine Arts

Elisabeth Anne Anziano, Levittown, N.Y.  
William Michael Blankenship, Mt. Gilead  
Paul Harold Brooker, Hinsdale, Ill.  
Craig Anthony Foglietti, Mingo Junction  
Malene Elaine Hafner, Columbus  
Carl Roy Hopple, Columbus  
Annette Darlene Huvier, Mansfield  
John Austin Hylton, Kettering  
R. Michael Kirk, Canton  
Mark John Oosthuizen, Dayton  
Pamela Anne Stayman, Troy  
Julie Lynn Walcott, Columbus  
Grace Hui-Min Wang, Taipei, Taiwan, R.O.C.

### Bachelor of Music

Brian Daniel Gaber, Worthington  
Mari Hashimoto, Kyoto, Japan

### Bachelor of Art Education<sup>1</sup>

Judith Lynn Blarsky, Mansfield  
Marian Elizabeth Shai, Newark

<sup>1</sup> Offered by the College of the Arts

### Bachelor of Art Education<sup>2</sup>

Catherine Grace Melinis, Broadview Hts.  
Terry Joseph Munch, Marion  
Janet Emily Tacy, Sebring

### Bachelor of Music Education<sup>2</sup>

J. Emilee Basil, Galloway  
Robert Dean Hildreth, Chillicothe  
Leah Katherine Tsamou, Cambridge

## College of Biological Sciences

Dean: Patrick R. Dugan

### Bachelor of Science

Kurt Balmer Avery, Chatham  
Charles Paul Baglama, Poland  
Elizabeth Ann Blosser, Alliance  
Kathleen Ann Bruner, Hamilton  
Christine Susanne Bucher, Cincinnati  
Brian Scott Burdo, Whitehouse  
Robert Justin Burgess, Lyndhurst  
Debra Lynn Caldas, Canton  
Eric Edward Dougherty, Upper Arlington  
Jay Terence Hansley, Worthington  
Christopher Charles Herbst, Columbus  
Mark Robert Laing, Huntington, W.Va.  
Craig Arthur Lobdell, Clyde  
Terri Marie Milasky, Lorain  
Pamela Kaye Miller, Cairo  
Katherine Mary Morris, Columbus  
John David Noah, Smithville  
Perry Gerald Nystrom, Cincinnati  
Jay Richard Osborne, North Jackson  
Krista Ann Patchen, Columbus  
Robert Clarke Paxton, Sunbury  
Sharon Lee Roney, Massillon  
James William Satola, Shaker Heights  
Tari Suzanne Smith, Delaware  
Karen Ann Sokol, Dayton  
Rebekah Anne Stofcheck, Warren, Pa.  
Janine Marie Ann Tareshawty, Boardman  
Marylou Wittenauer, Hubbard

## College of Humanities

Dean: G. Micheal Riley

### Bachelor of Arts

Kathryn Elizabeth Baker, Fairfield, Ct.  
Keith Spencer Bilman, Upper Arlington  
Charles Frederic Clark, Richwood  
Karen S. Colfman, Amherst  
Sandra Kay Corbitt, Cincinnati  
Stephen Robert Council, Syracuse, N.Y.  
Ronald Jeffrey Craig, Coal Grove

<sup>2</sup> Offered by the College of the Arts and the College of Education

William Francis Desmond, Columbus  
Mark Anthony Fabiano, Canton  
Mark Edward Farnham, Medina  
Alan Paul Gillan, Findlay  
John G. Gruenhagen, Columbus  
Joy Esther Hoyte, Georgetown, Guyana South America  
Holly Anne Hughes, Dayton  
Laura Boullée Lang, Morristown, N.J.  
Angela Anna Langer, Lexington  
Richard Lewis Magill, Girard  
Michiyu Makiya, Okinawa, Japan  
Robert L. Marcum, Wiesbaden, West Germany  
Phyllis G. McNabb, Columbus  
Judith Ann Mercer, Columbus  
Georgia Lassiter Ockerman, Corpus Christi, Tx.  
Daniel J. Pierce, Columbus  
William W. Robinson, III, Columbus  
David G. Roward, North Olmsted  
Gabriella Lynn Saelens, Lancaster  
Cynthia Marie Stafford, Toledo  
Laura Sue Titus, Columbus  
Peggy Danielle Trzebiatowski, Columbus  
Scott Warren White, Westerville  
Randall David Will, Columbus  
Elizabeth Rose Wohlgemuth, Cleveland  
Noboru Yamazaki, Nagano-Ken, Japan  
Angelika Rosemarie Young, Columbus

## College of Mathematical and Physical Sciences

Dean: Colin B.B. Bull

### Bachelor of Arts

Stephanie Prudence Bail, Mansfield  
Donald Lee Hayes, Columbus  
Timothy D. King, North Canton  
Gary W. Morrow, Columbus  
Kym Arnold Rispress, Columbus  
Terry Paul Russ, Massillon

### Bachelor of Science

Donna Faye Autrey, Washington C.H.  
Lawrence Edward Bertolini, Niles  
Thomas Joseph Brawn, Chardon  
Jefferson W. Burton, Piketon  
Alejandro Cuartin, Caracas, Venezuela  
John A. Curtin, Columbus  
Norman E. Gardner, North Ridgeville  
Michael Jerome Kass, Brunswick  
David E. Lindeman, Columbus  
Robert Micheal Lowry, Columbus  
Jeanne Marie Lucas, Dayton  
Gregory Thomas Marks, Olmsted Falls  
Katherine Ann Massmann, Deshler  
George David Miu, Lakewood  
Joseph Michael Montello, Pepper Pike  
Phillip Morton, Lorain  
Philip L. Pointer, Upper Arlington  
James Edward Price, Northfield  
William Hugh Schick, Fairlawn, N.J.  
Cheryl Ann Sebring, Bexley

Michael Grady Shoffner, Shaker Heights  
 Ricky Lee Whiteley, Arcanum  
 Margaret Susan Williams, Lyndhurst  
 Jeffrey E. Wilson, Coschocton  
 Michael Leo Woodruff, Gahanna

## College of Social and Behavioral Sciences

Dean: Joan Huber

### Bachelor of Arts

Thomas J. Bailey, Lima  
 Martha Lynn Balint, Columbus  
 Steven Randall Bates, Zanesville  
 Marta Berger, Austin, Texas  
 Jennifer Lynn Bernard, Columbus  
 Roy Calvin Bobbitt, Jr., Upper Arlington  
 Loreen M. Braidech, Huron  
 Marsha Marie Brintlinger, Bexley  
 Anita J. Bryan, Columbus  
 Willie Lee Bryant, Jr., Akron  
 John Laurence Busch, Parkersburg, W.Va.  
 Ronald A. Butler, Chicago, Ill.  
 Lawrence M. Calabretta, Columbus  
 David Stuart Carter, Cincinnati  
 David Alan Chaliff, Dayton  
 Leland William Chapin, Columbus  
 Daniel Lee Cherfield, Chagrin Fall  
 Elaine Claire Cremons, Ashville  
 Douglas James Deardourff, Greenville  
 Carol Annette DeLong, Columbus  
 Kathy Lyn Dugger, Columbus  
 Kathryn Margaret Elliott, Columbus  
 Ivan Louis Emke, Owen Sound, Ontario  
 Pamela Sue Emmert, Lima  
 Jeffrey S. Esping, Sherman Oaks, Cal.  
 Stephen Howard Feinberg, Cleveland Hts.  
 Denise Renee Flask, Stow  
 Mark Andrew Francisco, Columbus  
 Lisa Ann Goodman, Terre Haute, Ind.  
 Gwendolyn Sue Gorbey, Proctorville  
 Marilyn R. Goulder, Shaker Heights  
 Kenneth Charles Green, Randolph, N.J.  
 Megan E. Gregg, Columbus  
 Steve E. Gutfeld, Cleveland, Hts.  
 Barbara Dianne Hansen, Columbus  
 Shana D'lee Harder, Columbus  
 Christine Claire Hauck, Columbus  
 Michael Raymond Hausfeld, Columbus  
 Jennifer Lynne Hausser, Worthington  
 Alonzo Alfonso Heath, Massillon  
 Karen Ann Holmes, Westlake  
 Robert Brugler Holodrak, Orangeville  
 Christina Mayhew Hoover, Shaker Heights  
 Kristopher L. Howerton, Mansfield  
 David Burd Hunter, Columbus  
 Catherine Eileen Hunsinger, Cleveland Hts.  
 Mary Elizabeth Illig, Brecksville  
 Kimberly A. Jackson, Denver, Colo.  
 Charles Anthony Janini, Akron  
 Katherine Cecilia Jones, Cleveland Hts.  
 Maria Oksanna Juskiw, Louisville  
 Kris Lynn Kallenborn, Doylestown  
 Edey Patricia Kaplan, Akron

Julie Kay Kline, Lancaster  
 Laurence Ellis LaRue, Grandview Heights  
 Pamela Kay Barth Lawrence, Upper Sandusky  
 Elena Lukjanczuk, Conneaut  
 James William Lyndes, Worthington  
 Jeffrey Robert Lyttle, Westerville  
 Tina Marie May, Columbus  
 William A. Meisner II, Massillon  
 Patrick Dino Meli, Columbus  
 Lisa Anne Meyer, Chillicothe  
 Mark Alan Moorman, Alpha  
 James Raymond Mosaic, Grove City  
 Tami J. Nolder, Bay Village  
 Salvatore Cono Onorato, Pepper Pike  
 Joel Hill Oster, Lima  
 David Roberto Ottolenghi, Worthington  
 George Michael Parry, West Portsmouth  
 Mark Charles Petrucci, Columbus  
 Michael E. Portman, Columbus  
 Briana Lynne Powers, Boardman  
 Robert William Price, Upper Arlington  
 Loan Marie Pyatt, Gahanna  
 Joann Elizabeth Raabe, Lakewood  
 Samira Maria Saliba Raffoul, Columbus  
 Leah L. Reibel, Columbus  
 Maureen Louise Reymann, Tiffin  
 Karen Lesley Rinehart, Marshfield, Mass.  
 Mark Thomas Rizzutti, Urbana  
 Julia LeVon Russell, Columbus  
 Mark Bryan Sabel, Marion  
 Janet Sue Schaper, Alliance  
 Steven Jay Schober, Akron  
 Ann Katherine Scott, Chagrin Fall  
 Anne Constance Segel, Columbus  
 John Robert Shine, Rumson, N.J.  
 Laurie Lynn Sickles, Upper Arlington  
 Jacquelyn Simmons, Memphis, Tenn.  
 Deborah Anne Sim, Worthington  
 Janet Louise Smith, Chardon  
 Michele Anne Solar, Berea  
 John Leslie Swearingen, Xenia  
 Michael Allen Taylor, West Jefferson  
 Deborah Denise Thompson, Columbus  
 Dianna J. Ulinski, Rossford  
 Terri Lee Vance, Columbus  
 James A. Vogel II, Hamilton  
 Jodi Ann Warne, Toledo  
 Andrew Keith Williams, Delaware  
 Cathy Jo Michelle Williams, Shiloh  
 Christopher Andrew Williams, Columbus  
 D. Tyrone Williams, Chicago, Ill.  
 Jeannie Wilson, Middletown  
 John Michael Young, Columbus

### Bachelor of Science

Jodi Lynn Agosta, Lancaster  
 Matthew Victor Brammer, Columbus  
 Jane Alice Brody, Columbus  
 Jeffrey Alan Crain, Sandusky  
 Susan Clary Dunn, Columbus  
 Timothy Robert Dyer, Austintown  
 Jeffrey C. Fogg, West Carrollton  
 Margaret Irene Hiss, Marion  
 Karen L. Kafer, Columbus  
 Janet B. Larsen, Copley  
 Catherine Sue Newman, Akron  
 Kenneth Edward Plotkin, Shaker Heights

Bennett Jay Tepper, Lorain  
 Deborah Ann Valido, Dayton  
 Susan Frances Vilarado, Worthington  
 James Robert Whitcomb, Columbus

## School of Journalism

### Bachelor of Arts in Journalism

Juanita Nkoyem Abulokwe, River State, Nigeria  
 Susan Louise Brand, Upper Arlington  
 Pearson Wells Buell, Hinsdale, Ill.  
 April Waterfield Charles, Hamersville  
 Daniel Joseph Crawford, Warren  
 Joni Lynn Davis, Girard  
 Seana Paige Elam, Chillicothe  
 Deena Marie Forment, Chardon  
 Laura Ann Freeman, Wooster  
 Joseph Christopher Gantner, III, Dayton  
 April Jean Garrett, Columbus  
 Brian Harold George, Westerville  
 Douglas Ford Gill, Ashtabula  
 Lisa Marie Guanciae, Warren  
 Melanie Mae Haack, Old Fort  
 Beth Ann Harris, St. Louis, Mo.  
 Laura J. Hubka, Strongsville  
 Virginia Anne Imhoff, Columbus  
 Gregory Gerard Laudick, Centerville  
 Rodney J. Lockwood, Urbana  
 Lisa Christine Pearson, Brecksville  
 Jennifer Lorraine Provitt, Warren  
 Richard Lee Shrum, Newton, N.C.  
 Elizabeth Ellen Small, Defiance  
 Janet Mary Sonchik, Maple Heights  
 Patricia Jean Winbush, Columbus

## College of Administrative Science

Dean: H. Justin Davidson

### Bachelor of Science in Business Administration

Patrick Stephen Adams, Portsmouth  
 Michelle Marie Andes, Kent  
 Kenneth Lloyd Annable, Oberlin  
 Tammy Lynn Ayers, New Carlisle  
 Paul Alan Ballinger, Columbus  
 Belinda Sue Barnes, Marysville  
 Robert Ray Barnes, McConnsville  
 Paul K. Barrie, Worthington  
 Keith Amedee Bennett, Toledo  
 Rose Marie Bennett, Fairview Park  
 Kevin Robert Bergen, Tolland, Connecticut  
 Laurie Ellen Beveridge, Gahanna  
 Kevin Ray Bizer, Sandusky  
 Amy Elizabeth Black, Poland  
 David Scott Blair, Columbus  
 Gregg A. Blanchfield, North Royalton  
 Michael Anthony Blaney, Columbus  
 Bruce Ray Blazek, Willoughby  
 Sharon Renee Boggs, Parma  
 Robert Jeffrey Bolinger, Zanesville  
 John Furman Bowers, III, Columbus



Estella Eiores Brown, Columbus  
 Robert Eugene Brown, Paulding  
 Kevin Patrick Bruce, Columbus  
 Craig Joseph Brunetto, Piqua  
 Josh David Burke, Dayton  
 Barbara Jean Busch, Warren  
 Mark Douglas Butcher, Hudson  
 Lanny Duane Byers, New Matamoras  
 Brian Taylor Caine, Dayton  
 Margaret Marie Camstra, Cleveland  
 Joseph Paul Catalano, Butler, Pennsylvania  
 Kenneth James Chesik, Youngstown  
 Shu-Ru Chiang, Taichung, Taiwan Republic of  
 China  
 Meng Lee Chin, T. Anson, Perak  
 John Gregory Chronis, Cleveland  
 Kevin J. Clark, Marion, Iowa  
 Robert Earl Cobb, Hamilton  
 James Patrick Conley, Mansfield  
 Regina L. Cooper, Wooster  
 Thomas Glenn Cooper, Columbus  
 Alex Basim Cotta, Cincinnati  
 Delores Eileen Criner, Gahanna  
 David Mason Crook, Allison Park, Pa.  
 Dorrine Crowder, Cleveland  
 William Ralph Cunningham, Warren  
 Kelly Thomas Cusack, Columbus  
 John Myron Davis, Hubbard  
 Lisa Inez DeFourny, Columbus  
 Elizabeth Anne DeFranco, Cleveland  
 John Michael DeNiro, Youngstown  
 William Gene Dennis, Northfield  
 William L. Denny, Charlotte, N.C.  
 Margaret S. Deye, Sylvania  
 Scott Charles Dunlap, Canal Winchester  
 Jon Anthony Durant, Zanesville  
 Sally Ann Dygert, Dayton  
 Joan Carolyn Eaton, Columbus  
 Robert William Edgell, Columbus  
 René Marie Elbert, Elyria  
 Cynthia Ann Elliott, South Charleston  
 Susan Angel Ellwood, Dover  
 David Allen Eppley, Bucyrus  
 Anna M. Estadt, Pittsburgh, Pa.  
 Thomas E. Etzweiler, Lawrenceville, Ga.  
 Brian Barnett Fagan, Worthington  
 James Patrick Fallon, Hilliard  
 Ann Farinacci, Chardon  
 Ronald Eric Faulk, Mansfield  
 Ronald Earl Frederick, Toledo  
 Neil O'Neil Freer, Shaker Heights  
 Gary Evan Friedman, Lyndhurst  
 Dawn Marie Fronius, Westlake  
 Mark Stephen Frye, Columbus  
 Ramon L. Fullen, Columbus  
 Dorothy Alice Gallagher, Lancaster  
 MaryAnn Therese Gallas, Youngstown  
 Joseph Charles Gardner, Newark  
 Sheryl Paula Gerbs, Cincinnati  
 Teri Harvey Glancy, Edgewood, Md.  
 Michael John Golamb, Fremont  
 Shoshana Goshen, Cleveland  
 Charles William Graham, Centerville  
 Kelly Andrew Granger, Marion  
 Ann Taylor Gridley, Dayton  
 Steven E. Grove, Columbus  
 Beverly Kyle Haines, Bloomburg  
 Esther S. Hall, Columbus  
 Terri Lynn Hall, Columbus

Craig Allen Hamrick, Columbus  
 Douglas Ford Hannum, Canton  
 Karen Lee Hansen, Columbus  
 Daniel Michael Hanson, Columbus  
 John Jude Heeg, Columbus  
 David Dean Hensel, Marion  
 James Edward Heuschneider, Smithtown, N.Y.  
 Kendall Lyle Hill, Newark  
 James L. Hinterschied, Columbus  
 Nora Abergey Hirvela, Alliance  
 William Edward Hoban, Columbus  
 James Charles Hocevar, South Euclid  
 Jane Ellen Hoes, Hamilton  
 Mary Agnes Hofer, Homeworth  
 Darren Lowe Horst, Mansfield  
 Greg John Hrabcak, Westerville  
 Karen Jean Hugh, New Philadelphia  
 Donna Gaye Ignac, Piney Fork  
 Thomas Michael Illert, Columbus  
 David Clark Jacobs, Fredericktown  
 Laurie Ann Jacobson, Toledo  
 Linda Ann Jacurski, North Olmsted  
 Kent W. Jaquith, Columbus  
 Mark Jeffery Johnson, Geneva, Ill.  
 Lisa Jo Kachurchak, Akron  
 Michael Harry Kane, Ashtabula  
 Stephen Anthony Kane, Columbus  
 Mark Kleshinski, Mansfield  
 Melissa Norris Klopsstein, Worthington  
 Richard Alan Kner, Toledo  
 Linda Allen Kohout, Cleveland  
 Wayne Scott Krell, Dayton  
 Mary Elizabeth Krippel, Maple Heights  
 Jeffrey Donald Lafferty, West Milton  
 Kiran Lalwani, Worthington  
 Sharon Marie Langanke, North Canton  
 Deborah Morley Larkin, Allentown, Pa.  
 Jane Marie LaVerghetta, Medford, N.J.  
 Anthony C. Lococo, Tallmadge  
 Tamala Lynne Longaberger, Dresden  
 Molly Ann Lorns, Tipp City  
 Stasha Jean Lucas, Marion  
 Catherine Marie Ludwig, Pickerington  
 Danny Donald Male, Woodsfield  
 Daniel Nathan March, Columbus  
 George Vincent Marek, Solon  
 Lisa Marie Marquardt, Medina  
 Michael Walter Martz, Milan  
 Esther Rivera Matthews, Powell  
 James A. Mattox, Jr., Columbus  
 Scott Alan Maurer, Columbus  
 Michael Kelly McCabe, Lancaster  
 Jeffrey Michael McCarthy, Sandusky  
 John Joseph McCarty, Columbus  
 Michael John McGovern, Columbus  
 Kevin Richard McKnight, Beaver, Pa.  
 John Joseph Mercurio, Columbus  
 Jason Jon Niles Meyers, Gahanna  
 Jeffrey Scott Middleton, Marion  
 Mark Joseph Miley, Ottawa  
 Terry Lee Miller, Rossford  
 Robert Carl Moberger, Westerville  
 Jay Paul Moore, Erie, Pa.  
 Steven Patrick Moore, Columbus  
 John Lloyd Morrison, Columbus  
 Vernon Lee Morrison, Marysville  
 Joseph Robert Moss, Parma  
 Larry Lee Murdock, Columbus  
 Mark A. Murphy, Medina

Dennis Allen Niemeyer, Elida  
 Steve Alexander Nikolovski, Newark  
 Amy Lu Oliver, Chillicothe  
 James Kevin Orr, Columbus  
 John Edward Osborn, Austin, Tex.  
 Sterling Mark Oswalt, Middletown  
 Kelly Elizabeth Parker, Rocky River  
 Albert M. Patrik, Pepper Pike  
 Mary Ann Patrick, Highland Heights  
 Kim Verná Patterson, Delaware  
 Jon Kevin Pettit, Columbus  
 Paula Jane Phillips, Milan  
 Sylvia Lynn Pickett, Warren  
 Charles M. Pollak, North Canton  
 Melinda Sue Pribonic, Johnstown  
 Richard Charles Profusek, Broadview Heights  
 Gerald F. Raasch, Jr., Waynesville  
 John Christopher Rapp, Granville  
 David Matthew Reddy, Lorain  
 Elizabeth Marie Regaly, Columbus  
 Katharine Ann Reynolds, Canal Winchester  
 Richard A. Rieth, Delaware  
 Michael Allen Roddy, Galena  
 Kristen Daryl Romweber, Rocky River  
 Gautam Roy, Calcutta, India  
 Cheryl Gerette Ruda, Van Wert  
 Randy William Sagar, Columbus  
 Jerry Gene Sarbaugh, Zanesville  
 Sandra Sue Schaefer, Bloomburg  
 Robert Henk Schipper, Montgomery  
 Gerald Edward Schmelzer, Perry  
 Russell O. Schrock, Marion  
 Karen Sue Schuller, Wadsworth  
 Michael K. Schultheis, Zanesville  
 Michael Lynn Schultz, Hamlin, N.Y.  
 Matthew Alan Scott, Worthington  
 Linda Diane Sellers, Shaker Heights  
 Joseph E. Shackelford, Columbus  
 Susan Kim Shaler, Columbus  
 Deborah Kay Shanks, Reynoldsburg  
 Timothy Mark Shaver, Columbus  
 Richard Michael Shibko, Highland Heights  
 Thomas H. Siefert, Columbus Grove  
 Brian Richard Sloan, Bellefontaine  
 Mark Stephen Slutscher, Fairfield  
 Susan Elaine Slutscher, Lorain  
 Fred Byron Smith, Oak Hill  
 Mark Douglas Smith, Medina  
 Stewart Aaron Smith, Columbus  
 Timothy Allan Smith, Lakewood  
 Sheila McMullen Sorentino, Columbus  
 Robert William Sproule, Kailua, Hawaii  
 Gregory Robert Stahl, Worthington  
 Jeff August Stevenson, Cincinnati  
 Daniel Bryan Steward, Columbus  
 Robin Rose Stiller, Akron  
 Douglas Frederick Stultz, Columbus  
 James George Swift, Niles  
 Thomas Nikola Taneff, Pickerington  
 Michael Jay Tettelbaum, Beachwood  
 Jeffrey Alan Thomas, Lima  
 Paul Holden Thomas, Columbus  
 Michael Alan Thompson, Rayland  
 Scott Allan Tillman, Columbus  
 Homawati Devi Tribhuvani, Columbus  
 Susan Kay Ufferman, Delaware  
 David Lloyd Vance, Columbus  
 Scott Kenneth Varney, Medina  
 Annette Louise Verhoff, Continental

Michael John Vordenberg, Springboro  
 Karen Jayne Wade, Carrollton  
 Patrick Michael Wahlers, Marblehead  
 Steven Craig Waite, Columbus  
 Robert Michael Wakeley, Kettering  
 Kay D. Waldorf, Reynoldsburg  
 Roger Earl Ward, Columbus  
 Mark Leonard Weibel, Cincinnati  
 James Lee Whaley, Waverly  
 Tony Allen Whaley, Newark  
 Stephen A. Whipple, Delaware  
 Scott Allen Wieser, Elyria  
 Michael David Wilke, Fairfield  
 Jeffrey John Williams, Mansfield  
 Tony Ronald Wolfinger, Columbus  
 Larry Edward Woods, Salem  
 Edward Wright, Columbus  
 Joani Alicia Wright, Akron  
 Joani Sue Yoakum, Marysville  
 Michael Patrick Zelinski, Columbus

### **Bachelor of Science in Labor and Human Resources**

Harriett Jones Brown, Columbus  
 Sallie Debolt Cunningham, Granville  
 Mark Alan Wilder, Grove City

### **College of Agriculture**

Dean: Max Lennon

### **Bachelor of Science in Agriculture**

Paula Jo Azbell, Williamsport  
 Demba Ba, Novatchott, Marittania  
 Amy Lee Balduff, Huron  
 Betsy Belle Banner, Mt. Vernon  
 Bobby Royce Barrentine, Columbus  
 Matthew Paul Bernd, Troy  
 David M. Bernstein, Lyndhurst  
 Steven Karl Blocker, Mansfield  
 Paul David Bourne, Cincinnati  
 Robert Arthur Brown, Bloomingdale  
 Nicholas Joseph Bruns, Yorkshire  
 Jeffrey William Cain, Columbus  
 Eric John Campbell, Bristolville  
 Catherine R. Chapman, Columbus  
 Kathleen Dickey Cook, Ft. Worth, Texas  
 Michael Lynn Cook, Hicksville  
 Richard Alan Craig, Loudonville  
 Ronald Eugene Davidson, Worthington  
 Guy M. Dawson, Washington, C.H.  
 John Francis DeRan, Fremont  
 Douglas Bruce DiIrenzo, Ashtabula  
 Richard Davis Dougherty, Newark  
 Mark Joseph Druckenbrod, Shaker Hts.  
 Stephen Gideon Duzy, Novelty  
 Sarah Hamann Easy, Chagrin Falls  
 David Bryan Elking, Columbus  
 Kathryn Elaine Fisher, Dayton  
 Deborah Lynn Geidenberger, Newark  
 Pamela Renae Gross, University Hts.  
 Christine Lynn Grube, Westerville  
 Antonio Alfredo Guzman, Caracas, Venezuela

Mark Douglas Hagen, Orrville  
 David Alan Hamann, Hamilton  
 Pamela Joy Hartman, Macungie, Pa.  
 Susan Kay Herringshaw, Rudolph  
 Edwin Arthur Jackson, Cincinnati  
 Eric David Keil, Huntington, NY  
 Jack Marshall Kieffer, McClure  
 Lynette Kay King, Millersport  
 Jeffrey Paul Koenig, New Bremen  
 Gregory Joseph Koerner, Edgerton  
 James Frederick Ladrach, Wooster  
 Daniel Joseph Lasky, Jr., Bedford Hts.  
 Rick Paul Leopold, Madison  
 James Wayne Marquant, Rawson  
 James Sheldon Mason, Mt. Sterling  
 Dennis Warren McDaniel, Centerville  
 Michael Scott McFadden, Sabina  
 Harry Connelly McWilliams, Bellevue  
 Dorothy Kay Micacchion, Gahanna  
 Michelle Marie Michalak, Toledo  
 Cheryl Lynn Miller, Delaware  
 Russell David Moore, Middleburg  
 Brenda Kay Neitley, Cambridge  
 Samuel Reid Ogilvie, Wilkesboro, NC  
 Cynthia Marie Otto, Toledo  
 Amy Ceceli Pallas, Bexley  
 Daniel Edward Pendergast, Columbus  
 Darryl Wayne Phillips, Akron  
 Neal Arthur Porteus, Coshocton  
 Robert Mark Raith, Solon  
 John Taylor Redick, Wooster  
 James Gordon Reed, Belle Center  
 Kathleen Anne Reilly, Columbus  
 Robin Michael Rettig, Napoleon  
 John Todd Roberts, Mechanicsburg  
 Michael Allan Rossfeld, Elida  
 David Lee Saum, Lancaster  
 Ronald Louis Saur, Cedarville, NJ  
 Rodney Eugene Schafer, Sycamore  
 Kathleen Ann Schiefer, Canal Winchester  
 Mark Steven Schieppi, Groveport  
 Kenneth James Schmidt, Staten Island, NY  
 Thomas Andrew Sedor, Galena  
 Tracie Ann Shippy, St. Clairsville  
 Andrea Marie Shymke, North Royalton  
 Bradley Carson Smith, Monroeville  
 Joseph Pius Soehnen, Navarre  
 Kevin James Stenger, Cincinnati  
 John Michael Stephenson, Bloomingdale  
 Mark Alan Suter, Greenville  
 Andrew Frank Thomas, Plain City  
 Joseph John Tokarsky, Solon  
 Cheryl Renee Triplett, Portsmouth  
 Lisa Marie Underwood, Medina  
 Albert Duane Verhoff, Continental  
 Margery Elizabeth Volio, Kent  
 Richard Eugene Waggoner, Wooster  
 Mark Allan Webber, Findlay  
 Jeffrey Dean Weeks, Pleasant Hill  
 Rick Ray Williams, VanWert  
 Kenneth Dale Wolfe, Elington, CT  
 John Marshall Woodall, Youngstown  
 Christopher Alan Zacharias, Kettering

### **Bachelor of Science in Food Science**

Marcia Elizabeth Hughes, Columbus

### **Bachelor of Science in Food Technology**

Joanne Elizabeth Rice, Dayton

### **School of Natural Resources**

### **Bachelor of Science in Natural Resources**

Janice Marie Bamer, Akron  
 Donald Gaius Beam, Holmesville  
 Carolyn Beth Belfer, Cleveland Hts.  
 Carolyn Shirley Bittner, Plain City  
 Roger Dale Blackburn, Columbus  
 Keith Leigh Brown, Galloway  
 Dorothy M. Cepulo, Columbus  
 Ruth Ann Coyle, Dayton  
 Gregory Duane Davis, Cincinnati  
 Clayton Edward Dygert, Sunbury  
 Sara Jane Felger, Novelty  
 Samuel Kevin Gast, Ripley  
 Richard Scott Hale, Bay Village  
 Becky Sue Hartland, Parma  
 Kyle Jay Hartman, Columbus  
 Michael Dennis Kinnert, Columbus  
 Roy Dean Klingaman, Canton  
 Mary Suzanne Klunk, Columbus  
 Martha Ann Koch, Columbus  
 April Calhoun Lahm, Powell  
 Robert Craig Murphy, Shaker Heights  
 Teresa Jane Murray, Wadsworth  
 John Eric Navarro, Worthington  
 Elizabeth Anne Niemiec, St. Clairsville  
 Andrew Thomas Pampush, Rocky River  
 Richard Alan Rapp, Columbus  
 James Philip Rinella, Hamilton  
 Irmgard Grueneberg Schubert, Reynoldsburg  
 James Patrick Seikel, Akron  
 Jodie L. Shafer, Marion  
 J. Todd Slater, Worthington  
 Jeffrey R. Walters, Columbus  
 David James Wanucha, Columbus  
 Lawrence Scott Wehr, Salem

### **Agricultural Technical Institute**

### **Associate in Applied Science**

Philip Charles Baker, Sylvania  
 Bradley Bobby Bixler, Alliance  
 Susan Ann Burgert, Worthington  
 Gary Allen Bursley, Wakeman  
 James Lewis Dregalla, Cleveland  
 Scott Carl Ellinger, Granville  
 Todd C. Frankart, Bloomville  
 James Dwight Frazier, Wilmington  
 N. Eugene Glaze, Grove City  
 Thomas Richard Goodman, Columbus  
 Joann Faith Green, West Unity  
 Paul Joseph Hammersmith, Cincinnati  
 Daniel G. Hatton, Akron  
 Robert George Hentz, Cincinnati  
 Todd William Himler, West Alexandria, Pa.  
 Timothy Alan Hoffman, Wellington  
 Victoria Ann Kazmir, Seven Hills

Donald William Kelly, Grove City  
Joseph John Knoblauch, North Olmsted  
Mark Anthony Krause, Sandusky  
Kevin Wayne Lanius, Bryan  
Adam Joseph Leimeister, Wellington  
Paul William Lucas, Barberton  
Timothy I. Moomaw, Wooster  
Jack Dean Moore, Jr., Sebring  
Walter Mason Moore, II, Mena, Ark.  
Gregory Scott Morrison, Madison  
Lynnette Marie Mottsinger, Sidney  
Scott M. Payne, Elyria  
Jay Brent Peoples, Grove City  
Michael Robert Peters, Youngstown  
Eric Paul Rung, New Philadelphia  
Terri Lynne Thomas, Antwerp  
Danny F. Tobler, Midland  
David Peter Wojcik, Akron  
Mark Preston Woodridge, Mansfield

## College of Dentistry

Dean: William R. Wallace

### Certificate of Graduate Dental Hygienist

Deborah Denise Thompson, Columbus

## College of Education

Acting Dean: Donald P. Anderson

### Bachelor of Science in Education

Yahaya G. Abdullahi, Bauchi, Nigeria  
Ann R. Amert, Shelby  
Monika Ann Arnold, Mansfield  
Elizabeth May Banks, Xenia  
Beth Lynn Barber, Sabina  
Kim L. Barcelona, Springfield  
Craig Barnhart, Marion  
Jill Ann Becker, Spencerville  
Laurie Ann Bellin, Westlake  
Lisa Ann Berkley, Plain City  
Dennis Wayne Bertsch, Columbus  
Carissa Ann Bodnar, Farmington Hills, Mi.  
Patrick Eugene Brown, Columbus  
Timothy A.N. Burns, Doylestown  
Scott Edward Bushman, Gahanna  
Cheryl Ann Collins, Worthington  
Ellen Frances Collins, Columbus  
Stanley Edward Cooke, New London  
Randy Todd Coon, Toledo  
Frank Dresden Copeland, Columbus  
Linda Marie Corsillo, Brecksville  
Eileen Arikawa Craig, Mt. Sterling  
Virginia A. Davis, Gahanna  
Mark Alan Dawley, Gahanna  
Patricia Sue Deardurff, Newark  
Steven Edward Dickerson, Marion  
David Monroe Dotson, Columbus  
Beverly Jane Doyle, Grove City  
Vincent Lee Ebner, Columbus  
Susan Marie Eckenrode, Columbus

Abubakar Baba El-Nafaty, Bauchi, Nigeria  
Craig Steven Enrich, Plain City  
Rebecca J. Feldmann, Marion  
Alfred T. Ferguson, Jr., Columbus  
Thomas Gerard Fisher, New Lexington  
Anne Noreen Flais, Alliance  
James Craig Ford, Summit Station  
William Lloyd Fridley, Columbus  
Abdu Salama Gadam, Bauchi, Nigeria  
Susan Jean Gafke, Logan  
Danladi Galadima, Bauchi, Nigeria  
Janice Kay Gantzier, Crestline  
Victoria A. Gersbacher, Columbus  
William Francis Graham, Columbus  
Cathy Lynn Hall, Bucyrus  
Margaret Anne Harkins, Cincinnati  
Cindy M. Hawthorne, Columbus  
Herbert A. Helfrich, Marysville  
David Michael Hickey, Lima  
Clarenda Sue Hill, Dayton  
Robin S. Householder, Columbus  
Linda Close Innis, Columbus  
Sarah Nixon Johnston, Felicity  
Lucille Anne Jordan, Worthington  
Donna Drake Kaufman, Columbus  
Anna Marie Koch, Bethany, Ok.  
Elizabeth L. Leonard, Columbus  
Michelle Elaine Lively, Columbus  
Albert John MacLeod, Westerville  
Shane Edward Madigan, Worthington  
Brenda Lynn Manning, West Jefferson  
Richard Galen McAlister, New Boston  
Karen Marie McDonald, Louisville  
Michael Edward Medves, Willowick  
Cheryl Lynn Meyer, Columbus  
Lisa Beth Miller, Belpre  
Jeffrey Samuel Milligan, Sidney  
Kenneth Dean Mitchell, Gauley Bridge, W.Va.  
Debra Kay Morey, Lima  
Vicky Jean Moriarity, Bucyrus  
Gayle Ann Mulford, Lima  
Andrew Charles Musille, Mansfield  
Gregory George Nice, Columbus  
Jacqueline A. Oelerich, Hampton Bays, N.Y.  
Jon Edward Osnowitz, Toledo  
Rebecca Lyn Papesch, El Paso, Tx.  
Gloria Louise Parker, Sidney  
Timothy Alan Paugh, S. Charleston  
Cynthia Ann Perkins, Troy  
Theresa Marie Perry, Columbus  
Joseph Wayne Peters, Mount Gilead  
Darlene Louise Pugh, Columbus Grove  
R. Bruce Purdy, Grove City  
Sandra Beach Rainey, Ashville  
Tamara Lynn Riffe, Massillon  
Rose Ann Riggie, Cambridge  
Suzanne Kathleen Roberts, Cincinnati  
Lisa Gwen Robertson, Massillon  
Cathy Sue Roe, Lexington  
Amy Georgiana Ruch, Huber Heights  
Beth Belinda Shadwick, Pataskala  
Ann Richmond Shumaker, Marion  
Paul Bradley Slane, Mansfield  
Stacey Jo Smith, Newark  
Holly Lynn Spangler, Bryan  
Stephen Tolbert Sparling, Stafford  
Christina A. Staccia, Springfield  
Debbie Sue Stuart, Marysville  
Charles Raymond Theado, Grove City

Cynthia Gerilyn Thiel, Marion  
Elizabeth Chowring Todd, Cincinnati  
Judith Marie Trikonos, Steubenville  
Pamela Tsanwhas, Canton  
Michele Lynn Waderker, Brilliant  
Charles Edward Whitman, Worthington  
Kelly Kathleen Woolen, Indianapolis, In.  
Susan Jane Wordeman, Cincinnati  
Shehu Kafi Yakubu, Bauchi, Nigeria  
Debra Ellen Yates, Cincinnati

**Bachelor of Art Education and  
Bachelor of Music Education  
degrees are offered jointly by the  
College of the Arts and  
College of Education**

Candidates are listed under  
College of the Arts

## College of Engineering

Dean: Donald D. Glower

### Bachelor of Science in Aeronautical and Astronautical Engineering

Timothy Michael Budzik, Eastport, Me.  
Terence Joseph Duffy, Vandalia  
James Patrick Schondel, San Diego, Ca.  
James Robert Winfield, North Canton

### Bachelor of Science in Agricultural Engineering

Steven Lee Castleberry, Saine, Mi.  
Robert Alan Hardin, Aurora  
John W. Taylor, Batavia  
John Robert Wren, Jr., Columbus

### Bachelor of Science in Ceramic Engineering

Gary Wade Hallum, Olmsted Falls  
Kay Marie Hochstetler, Mentor  
Jean Elizabeth Huff, Attica, NY

### Bachelor of Science in Chemical Engineering

Mark John Burket, Dover  
Douglas Raymond Gray, Poland  
Douglas Lee Wilburn, Columbus

### Civil Engineer

Hassan Mohamad Daabas, Columbus

### **Bachelor of Science in Civil Engineering**

Jeffrey Gene Aldridge, Middletown  
Richard Davis Brewer, Wyoming  
Judy Ann Caiola, Cuyahoga Falls  
Robert Mahan Campanelli, E. Liverpool  
Thomas William Davis, Port Clinton  
Peter John Donahue, Jr., Kettering  
Paul Edward Gassman, Baltimore  
David Allen Gibson, Pound, Va.  
Lee Daniel Guzik, Latrobe, Pa.  
Daniel Scot Haslop, Lima  
Christian Raymont Holmes, Bellbrook  
Margaret L. Klepic, New Brighton, Pa.  
Nabeel A. Latif Majeed, Kuwait, Kuwait  
Steven Andrew Newman, Columbus  
Scott Everett Nodes, Westerville  
Mark Bryan Ogden, Grove City  
Gregory James Palmer, Toledo  
Mary Ellen Rusnov, Cleveland  
Thomas George Schoenberg, Aurora  
Dennis Hsan Tuatay, Columbus  
Jon Elliott Van Evra, Lancaster  
Gary Michael Whitis, Bylesville  
Gregory Lee Yoak, Grove City

### **Bachelor of Science in Computer and Information Science**

Guy H. Bazanos, Cincinnati  
Robert M. Blonchek, Cleveland  
Barbara Louise Brauner, Columbus  
Theresa Grace Brogan, Steubenville  
Ronald Jay Dalton, Lathem  
Mashaallah Ebrahimi, Tehran, Iran  
Julie Maureen Fulton, Columbus  
Teri Marlene Keller, Cincinnati  
John Harold Kitchen, Jefferson  
Robert Walter Olsen, Columbus  
James Warren Rankin, Jr., Cincinnati  
Alan Dale Schaar, Lancaster  
Hall Skara, Egersund, Norway  
Jeffrey Scot Starnier, Heath  
Richard William Taeuber, Cincinnati  
Paul Daniel Winterstein, Columbus

### **Electrical Engineer**

Henry G. Miller  
Krishna Sastry Sistla, Repalle, India  
Majid Ramezani, Tehran, Iran

### **Bachelor of Science in Electrical Engineering**

Thomas Brinkley Allen, Columbus  
James Louis Bastaja, Westerville  
Paul Stuart Baumgardner, Prospect, Ky.  
Amy O'Donnell Brotherton, Grove City  
David Wayne Cagle, Kettering  
Fan Sam Chan, Taiping, Malaysia  
Timothy Robert Collins, W. Portsmouth  
Douglas Whitney Dummer,  
Robert William Hahn, Collins  
Hazem R. Hajjeh, Dura, West Bank  
Tracie Lynn Hill, Granville

Robert Scott Huston, Columbus  
Suk Young Jang, Columbus  
Michael Robert Kruek, Westlake  
John Andrew Kramer, Youngstown  
Jeffrey Lee Leonard, Trotwood  
Benny Paul Ley, Mineral City  
Donald A. Lieb, Norton  
Francis Gabriel Loo, Chicago, Ill.  
Walter Roger McClain, Olmsted Falls  
Timothy Owen McLaughlin, Lancaster  
Mohammed Moazzam, Karachi, Pakistan  
John Matthew Noll, N. Olmsted  
John Clifford Olofson, Worthington  
Gene William Ott, Lancaster  
Bradley Gwynn Palmer, Alexandria  
Gene Allen Pishner, Zanesville  
Joseph Michael Sekel, Buffalo  
Kent David Shumaker, Dresden  
Bernard Michael Skomra, Lisbon  
John Eric Stickdom, Lancaster  
Lora Ann Swansinger, Brunswick  
James Joseph Sweeney, Lyndhurst  
Douglas Raymond Swift, Toledo  
Dawn Michele Taylor, Xenia  
Richard David Tighe, Marion  
John William Waidner, Columbus  
John Edward Wiese, Massillon  
Douglas Eugene White, Marion  
Roger Andrew Wood, Dublin  
Anthony Zwilling, Columbus

### **Bachelor of Science in Engineering Physics**

Kenneth Raymond Lyons, Columbus  
Gregory Rusnock Magyar, Shadyside  
Mark Joseph Medovitch, Niles

### **Bachelor of Science in Industrial and Systems Engineering**

Jeffrey John Byczynski, Marysville  
Mark Andrew Coming, N. Olmsted  
John Andrew Dodge, Port Clinton  
Charles John Dunick, Jr., Kingsville  
Kathleen Ann Dupre, Ashland  
Fred Daniel Freshley, Hudson  
Susan Rose Gelfand, Highland Hts.  
Christopher Dean Gilmore, New Philadelphia  
Ralph Thomas Greco, Chillicothe  
Ronald Virgil Gulino, Kettering  
Suandi Hartoko, Soko, Indonesia  
Joseph David Krabacher, Waynesville  
Wendy Yuk-Chun Lui, Cleveland  
Jack Alan Mullaney, W. Mansfield  
Michael John O'Rourke, Zanesville  
Bonita Gene Pigram, Cincinnati  
Enrique O. Rosselli, Montevideo, Uruguay  
Kathy Marie Ruthman, Cincinnati  
Michael Owen Smith, Augusta, Ga.  
Dan Z. Sokol, Dayton  
Charles Edward Suran, Columbus  
Michael Costa Thoudikides, Columbus  
Richard Bryan Wakutt, Columbus

### **Mechanical Engineer**

Joseph Giammarco, Columbus

### **Bachelor of Science in Mechanical Engineering**

John Guy Albert, Galion  
Timothy Lee Barada, Chillicothe  
Peter Damien Biggert, Columbus  
David John Bloch, Dayton  
Thomas William Bobson, Columbus  
Richard Michael Boyer, Canton  
Douglas James Carey, Worthington  
Douglas Morton Endicott, Columbus  
Alireza Fathi,  
Lora Mae Fundemark, Mentor  
Erich Lee Gaddis, Columbus  
John Frank Gibbemeyer, Jr., Cincinnati  
Michael Klaus Gottschalk, Solon  
Bradley Alan Graupmann, Fairborn  
Lawrence Holland Hawkins II, Vienna, WV  
Tracy Diane Hofmann, Cincinnati  
Michael Garry Jones, Continental  
Lori Joyce Juergens, Rocky River  
Richard C. Kapes, Solon  
Daniel Joseph Keeler, St. Albans, WV  
Russell Dean Kosel, Sandusky  
Eric John Kress, Goshen  
Frank Arthur Leyshon, Cambridge  
David Bradford Linden, Sandusky  
Douglas Martin Livezey, Mantua  
Marianne Milly Livezey, Dearborn, MI  
Janice Marie Milosh, Ida, MI  
Michael William Monfort, Columbus  
Terry Lewis Neuhart, McConnellsville  
Robert Duane Owen, New Lexington  
John William Palazzo, Jr., Akron  
Kevin Anthony Rahrig, Delphos  
Nancy Ann Smith, Columbus  
William Steven Smith, East Liverpool  
Paul Joseph Southerland, Chagrin Falls  
Eric Charles Stephens, Johnson  
Robert Joseph Thompson, Findlay  
Stephen DeFro Tossey, Dayton  
Michael James Ventres, Columbus  
Robert Duncan Wark, Woodcliff Lake, NJ  
Charles Murray Winchell, Waite Hill  
John Andrew Workman, Mt. Vernon  
Asghar Lorpari Zanganeh, Tehran, Iran  
William Charles Zimlich, Jr., N. Royatton

### **Bachelor of Science in Metallurgical Engineering**

Harold E. Abzuhl, Uhrichsville  
Raymond Richard May, Boardman

### **Bachelor of Science in Mining Engineering**

Randall Lee Keitz, Shadyside  
Eric Jon Lewis, St. Clairsville

### **Bachelor of Science in Welding Engineering**

Charles Thomas Hayes, Columbus  
Craig Marshall Hoskins, New Martinsville  
David Harper Phillips, Chillicothe

Christopher Leo Rauch, Lowell  
Gene Joseph White, Seven Hills

## School of Architecture

### Bachelor of Science in Architecture

William C. Boehm, Westerville  
Timothy L. Brewer, Columbus  
Mark James Randolph, Columbus

### Bachelor of Science in Landscape Architecture

Karen S. Budinscak, St. Clairsville  
Stanley Eugene Gilbert, Napoleon  
David George Peabody, Wakeman  
Robert Brian Swarts, Copley  
Grant William Wagner, Reynoldsburg

## College of Home Economics

Acting Dean: Lena Bailey

### Bachelor of Science in Home Economics

Christine Alibrando, Columbus  
Betsy Anne Allen, Van Wert  
Theresa Marie Campbell, Akron  
Susan Elaine Colpetzer, Columbus  
Brenda Jay Cook, Columbus  
Alison Diana Cooper, Wyckoff, N.J.  
Lori Jo Deiss, Oxford  
Kathryn Myklebust Donnerwirth, Columbus  
Carolyn Ann Eastep, Columbus  
Anne Elizabeth Funderburg, Greenville  
Amy Hannelore Gosselin, Heath  
Barbara Lynn Jones, Columbus  
Carolyn Jane King, Newark  
Laura Faye Kursh, Lyndhurst  
Catherine Ann Lehmkuhl, Versailles  
Pamela Jo Lewis, Columbus  
Cheryl Renee Lockhart, Columbus  
Andrea Catherine Maher, Marietta  
Lucinda Ann McCall, Dublin  
Helen S. McClaskie, Columbus  
Lynette C. McEntie, Columbus  
Jennifer Leigh Miller, Westerville  
Sally Mae Miller, Fredericktown  
Kathryn Ellen Minch, Columbus  
Laura Jane Obenour, Zanesville  
Constance Helen Pfaff, Rocky River  
Deanne Plotkin, Highland Pk., Il.  
Penelope Pride, Youngstown  
Lynne Elizabeth Raftery, Wadsworth  
Julie Anne Russell, Columbus  
Susan Linn Russell, Columbus  
Elizabeth Marie Shank, Rawson  
Suzanne Marie Sisteck, Alexandria, Va.  
Stacia Lee Spangler, Ada  
Karen Sue Weber, Lima  
Jill Ann Whitton, Eastlake  
Tamara Lynne Young, Circleville

### Bachelor of Science in Nutrition

Jane Elizabeth VanWormer, Elyria

### Bachelor of Science in Restaurant Management

John David Gillespie, III, Boardman  
Patti Joy Rus, Cincinnati

## College of Medicine

Dean: Manuel Tzagournis, M.D.

### Doctor of Medicine

John Frederick Cooper, Columbus B.S.  
Bill Gus Gegas, Steubenville B.S. (Muskingum College)  
Ronald James Haudenschitt, Orrville B.S.  
Norman Albert Holmes, Chagrin Falls B.A. (Wake Forest University)  
Karri Lou Krendl, Spencerville B.A. (Cornell University)  
Jan Kriwinsky, Beachwood B.S. (Brown University)  
Kim-Lien Nguyen, Akron B.S. (University of Akron)  
Barry Clifford Root, Canton B.A. (Case Western Reserve University)  
Lynne Burke Torello, Alliance

## School of Allied Medical Professions

### Bachelor of Science in Allied Health Professions

Karin Michelle Baum, Enfield, Conn.  
Timothy James Buzzelli, Chagrin Falls  
Li Fong Alice Chong, Hong Kong  
Theresa Marie Cook, East Orwell  
Barbara Stacey Drake, Hyde Park, N.Y.  
Valerie Ann Slusarz, Chesterland  
Melanie Jane Smith, South Euclid  
Pamela Carol Whalen, Upper Arlington  
John Paul Yeagley, Jr., Gallipolis

### Certificate of Post Baccalaureate Circulation Technologist

Sue Ellen Bastian, Fort Wayne, Ind.  
B.S. (Purdue University)  
Mark Palmer Schiess, Columbus  
B.S. (Ashland College)  
Rebekah E. Trittipoe, Columbus  
B.A. (Cedarville College)  
Philip A. Wagoner, Indianapolis, Ind.  
B.A. (Indiana University)

## College of Nursing

Acting Dean: Kathryn T. Schoen

### Bachelor of Science in Nursing

Denise Michelle Ferkany Bobbitt, Columbus  
Kathleen Downing Boehm, Columbus  
Carolyn Ann Coughlin, Bexley  
Beth Ann D'Antonio, Zanesville  
Kimberly Denise Horton Jones, Columbus  
Kathryn Leeds Ingram, Columbus  
Jean Marie Jurcich, Cleveland  
Iris Esther Micochero, Columbus  
Martha Anne Newman, Columbus  
Laura Jean Planchon, Fairborn  
Tina Marie Sall, Martins Ferry  
Carol Lynnette Strassburger, Franklin

## College of Pharmacy

Dean: Albert H. Soloway

### Bachelor of Science in Pharmacy

Kenneth Charles Brown, Youngstown  
Kim Louise Powell, Grove City  
Anthony Paul Restuccio, Girard  
Joseph William Snoke, Wadsworth

## Graduates with Honors

Criteria for graduation with honors are as follows:

**With Distinction** requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

**With Honors in the Liberal Arts** requires Successful completion completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

**Cum Laude** designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

**Summa Cum Laude** designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

### With Distinction in Animal Science

Nicholas Joseph Burns

### With Distinction in Circulation Technology

Philip A. Wagoner

### With Distinction in Psychobiology

Kenneth Edward Plotkin

### **With Honors in Liberal Arts**

Joy Esther Hoyte  
Kenneth Edward Plotkin  
Karen Ann Sokol  
Angelika Rosemarie Young

### **Cum Laude**

Ann R. Amert  
Michelle Marie Andes  
Donna Faye Autrey  
Richard Michael Boyer  
Brian Scott Burdo  
Meng Lee Chin  
Kathleen Dickey Cook  
Patricia Sue Deardurff  
Renee Marie Elbert  
Susan Angel Ellwood  
Karen Lee Hansen  
Robert George Hentz  
Robert Dean Hildreth  
Nora Aberegg Hirvela  
Margaret Irene Hiss  
Mark Anthony Krause  
Adam Joseph Leimeister  
Douglas Martin Livezey  
Lisa Marie Marquardt  
Michael Scott McFadden  
Timothy I. Moomaw  
Gloria Louise Parker  
Anthony Paul Restuccio  
Joanne Elizabeth Rice  
Cathy Sue Roe  
David Lee Saum  
Kent David Shumaker  
Susan Elaine Slutzker  
Stewart Aaron Smith  
Sheila McMullen Sorrentino  
Stacia Lee Spangler  
Elizabeth Chowning Todd  
Lisa Marie Underwood  
Michelle Lynn Waderker  
Douglas Lee Wilburn  
Susan Jane Wordeman  
Anthony Zwilling

### **Summa Cum Laude with Distinction in Horticulture**

Mark Joseph Druckenbrod

### **Cum Laude with Distinction in Dairy Science**

Michelle Marie Michalak

### **Summa Cum Laude**

Philip Charles Baker  
Belinda Sue Barnes  
Li Fong Alice Chong  
Sallie Deboit Cunningham  
James Lewis Dregalla  
Ivan Louis Emke  
Kathryn Elaine Fisher

William Lloyd Fridley  
Julie Kay Kline  
Russell Dean Kosel  
Kiran Lahwani  
Janice Marie Milosh  
Walter Mason Moore, II  
Gayle Ann Mulford  
Cynthia Marie Otto  
Sandra Beach Rainey  
Stacey Jo Smith  
Paul Holden Thomas  
Annette Louise Verhoff

### **Summa Cum Laude with Distinction in Agriculture Economics**

Robin Michael Rettig

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND NINETY-EIGHTH MEETING  
OF THE BOARD OF TRUSTEES

Mansfield, Ohio, April 6, 1984

The Board of Trustees met at its regular monthly meeting on Friday, April 6, 1984, at The Ohio State University Mansfield Campus, Mansfield, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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April 6, 1984 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 9:30 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 11:25 a.m.

Dr. Jacob announced the appointment of the following persons to the Nominating Committee:

Leonard J. Immke, Chairman  
Daniel M. Galbreath  
Edmund C. Redman

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#### AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 84-106

Synopsis: Amendments to rules 3335-5-46, 3335-5-58, and 3335-5-62 are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on March 10, 1984, as follows:

#### AMENDED RULES

3335-5-46 Senate committees.

(G) Senate committees shall report at least annually to the university senate at a time and in a manner specified by the program committee of the senate.

(Q) The program committee shall have the responsibility for scheduling reports of senate and university committees.

3335-5-58 Committee on academic freedom and responsibility.

(B) The committee shall

April 6, 1984 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (1) Study all conditions which may affect the academic freedom or responsibility of the faculty of the university, including the review of proposed changes in the "Faculty Handbook," the "Faculty Appointments, Promotion and Tenure" booklet, and such changes in the "Operating Manual" as may impinge upon academic freedom or tenure. If the committee finds that any such proposed change adversely affects academic freedom or tenure, it shall report that finding promptly to the senate for its review.
- (4) Report at least once a year, with recommendations when appropriate, to the university senate.

3335-5-62 Reports of university committees.

Each university committee defined in rules 3335-5-47 through 3335-5-62 of the Administrative Code shall report at least annually to the university senate at a time and in a manner specified by the program committee of the senate.

NOW THEREFORE

BE IT RESOLVED, That the amendments to rules 3335-5-46, 3335-5-58, and 3335-5-62 of the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REVOCATION OF DEGREE

Resolution No. 84-107

Synopsis: Revocation of a Doctor of Philosophy degree is proposed.

WHEREAS it was the recommendation of an ad hoc panel convened by the Provost and Vice President for Academic Affairs to revoke the Doctor of Philosophy degree of Ronald G. Springhorn; and

WHEREAS the recommendation was concurred with by the Executive Committee of the Graduate Council and by the Provost and Vice President for Academic Affairs; and

WHEREAS the appropriate bodies and administrative officers of the University have fully complied with the "Procedure for Dealing with Cases of Alleged Academic Misconduct on Dissertation After the Awarding of the Degree," and in accordance with those procedures have recommended that the Doctor of Philosophy degree of Ronald G. Springhorn be revoked:

NOW THEREFORE

April 6, 1984 meeting, Board of Trustees

#### REVOCATION OF DEGREE (contd)

BE IT RESOLVED, That the Doctor of Philosophy degree of Ronald G. Springhorn, granted June 9, 1977 pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, is hereby revoked effective this day, April 6, 1984, and shall no longer be of force and effect.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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#### HONORARY DEGREES

Resolution No. 84-108

Synopsis: Approval is requested for awarding honorary degrees to two individuals.

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of honorary degrees as listed below:

Archbishop Iakovos  
N. A. Shilo

Doctor of Humane Letters  
Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Redman, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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#### HONORARY DEGREE

Resolution No. 84-109

Synopsis: Approval is requested for awarding an honorary degree.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of an honorary degree as listed below:

Harvey Brooks

Doctor of Science

NOW THEREFORE

April 6, 1984 meeting, Board of Trustees

#### HONORARY DEGREE (contd)

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Havens, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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#### PERSONNEL ACTIONS

Resolution No. 84-110

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment of Chairpersons of Department and Academic Faculty, Reappointment of Chairperson of Academic Faculty, Leave of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 2, 1984 meeting of the Board, including the following Appointment of Chairpersons of Department and Academic Faculty, Reappointment of Chairperson of Academic Faculty, Leave of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles, as detailed in the University Budget, be approved.

Appointment of Chairpersons of Department and Academic Faculty

April 1, 1984 through June 30, 1984

Food Science and Nutrition

Emil M. Mikolajcik\*

April 1, 1984 through September 30, 1985

Accounting

Felix P. Kollaritsch\*

July 1, 1984 through June 30, 1988

Medicine

Otolaryngology

Ernest L. Mazzaferri

David E. Schuller

Reappointment of Chairperson of Academic Faculty

July 1, 1984 through June 30, 1988

Marketing

William W. Talarzyk

\*Acting Chairperson

April 6, 1984 meeting, Board of Trustees

# PERSONNEL ACTIONS (contd)

## Leave of Absence Without Salary

LORRAINE M. JORDAN, Instructor, School of Allied Medical Professions, effective February 18, 1984 through April 1, 1984, for personal reasons.

## Professional Improvement Leaves

NAURINE R. MCCORMICK, Associate Dean, College of Home Economics - Administration and Professor, Cooperative Extension, effective January 1, 1985 through June 30, 1985.

MICHAEL E. WHITCOMB, Medical Director/Associate Dean, College of Medicine - Administration, effective September 1, 1984 through August 31, 1985.

DENNIS R. FELLER, Professor, College of Pharmacy, effective July 1, 1984 through December 31, 1984.

HARVEY M. FRIEDMAN, Professor, Department of Mathematics, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

THOMAS C. GRUBB, JR., Professor, Department of Zoology, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

CHARLES E. HERDENDORF, Professor, Department of Zoology, effective Autumn Quarter 1984, Winter Quarter, Spring Quarter and Summer Quarter 1985.

HARRY C. HERSHEY, Professor, Department of Chemical Engineering, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

CLARK LEAVITT, Professor, Academic Faculty of Marketing, effective Autumn Quarter 1984 and Winter Quarter 1985.

ROBERT L. MILLS, Professor, Department of Physics, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

HALLAN C. NOLTIMIER, Professor, Department of Geology and Mineralogy, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

NEVILLE W. REAY, Professor, Department of Physics, effective Spring Quarter 1984, Autumn Quarter 1984 and Winter Quarter 1985.

FRANCIS L. RICHARDSON, Professor, Department of History of Art, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

WILLIAM F. SAAM, Professor, Department of Physics, effective Winter Quarter and Spring Quarter 1985.

April 6, 1984 meeting, Board of Trustees

## PERSONNEL ACTIONS (contd)

### Professional Improvement Leaves (contd)

FREDERICK D. STOCKER, Professor, Department of Economics, effective Autumn Quarter 1984 and Winter Quarter 1985.

ROY A. TASSAVA, Professor, Department of Zoology, Winter Quarter, Spring Quarter and Autumn Quarter 1985.

GISELA J. HINKLE, Associate Professor, Department of Sociology, effective Autumn Quarter 1984 and Winter Quarter 1985.

BEVERLY L. KAHN, Associate Professor, Department of Political Science (Mansfield Campus), effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

ROBERT M. KAHN, Associate Professor, Department of Political Science (Mansfield Campus), effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

YUNG-CHEN LU, Associate Professor, Department of Mathematics, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

THOMAS A. MCCAIN, Associate Professor, Department of Communication, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

G. NEIL ROBERTSON, Associate Professor, Department of Mathematics, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

HAROLD SCHNEIDERMAN, Associate Professor, College of Social Work, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

JANET F. LASTER, Assistant Professor, Department of Home Economics Education, effective Autumn Quarter 1984, Winter Quarter and Spring Quarter 1985.

### Emeritus Titles

FRANK W. BOPE, College of Pharmacy, with the title Associate Dean Emeritus, effective July 1, 1984.

GEORGE H. HAMRICK, Cooperative Extension Service, with the title Professor Emeritus, effective March 1, 1984.

GEORGE R. JOHNSON, Department of Animal Science, with the title Professor Emeritus, effective February 1, 1984.

THORVALD KRISTOFFERSEN, Department of Food Science and Nutrition, with the title Professor Emeritus, effective April 1, 1984.

April 6, 1984 meeting, Board of Trustees

#### PERSONNEL ACTIONS (contd)

##### Emeritus Titles (contd)

EUGENE C. WITTMAYER, Department of Horticulture, with the title Professor Emeritus, effective March 1, 1984.

GLENN E. MADDY, Cooperative Extension Service, with the title Associate Professor Emeritus, effective March 1, 1984.

FRED J. SCHMIEDER, Department of Human Services Education, with the title Associate Professor Emeritus, effective April 1, 1984.

WILLIAM HUBBARD, Department of Aviation, with the title Assistant Professor Emeritus, effective March 1, 1984.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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#### RESOLUTIONS IN MEMORIAM

Resolution No. 84-111

Synopsis: Resolutions honoring the service of six of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

#### Robert H. Browning

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 20, 1984, of Robert H. Browning, Professor Emeritus in the Department of Medicine, Division of Pulmonary Diseases.

Robert Browning was born in Oberlin, Ohio, April 7, 1903. He graduated from Oberlin College in 1923. He received a M.D. degree from Western Reserve University in 1927; served an internship and residency in Internal Medicine at Cleveland City Hospital and a tuberculosis residency at The Trudeau Sanatorium, Saranac Lake, New York. Upon completion of post graduate training Dr. Browning accepted the position of Director of Sunny Acres Hospital, Cleveland, Ohio. His academic appointments include Assistant Professor of Medicine at Western Reserve University from 1931-1948 and Professor of Medicine at The Ohio State University until his retirement in 1973.

Dr. Browning authored and published 38 articles in his career, and also served as a consultant to the U. S. Veterans Administration. Upon his retirement in 1973, Dr. Browning was awarded The Ohio State University Captain's Chair as a token of esteem from the Department of Medicine.



April 6, 1984 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Robert H. Browning (contd)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Earle R. Caley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 2, 1984, of Earle Radcliffe Caley, Professor Emeritus in the Department of Chemistry.

Professor Caley, scientist, educator and humanitarian, was born in Cleveland, Ohio. He received his B.Sc. degree from Baldwin-Wallace College in 1923 and his Ph.D. from Ohio State in 1928, under the guidance of the late C. W. Foulk. He married Grace Cochran on Christmas Eve, 1925.

Professor Caley's career as an educator combined studies in analytical chemistry with a deep interest in the classical world. He was an innovator in the application of modern analytical methods to the study of archeological objects of ancient Greece and the Middle East; his efforts in this area were recognized by numerous prizes and awards, including the Dexter prize from the American Chemical Society in 1966. The reader of his first publication could have had prescience of his life's work. It was a translation, with comments, of a Latin text of the Leyden Papyrus, which catalogued chemical formulations used in Alexandria in the Third Century A.D. It was written in 1926 while he was, simultaneously, a student working toward his Ph.D. and a high school principal in Monroeville, Ohio.

After graduation, Dr. Caley established a substantial reputation in Analytical Chemistry as a faculty member at Princeton University, where he remained until 1939. During this time, he spent a year in Athens, Greece, on the staff of the Agora Excavation. His academic career was temporarily interrupted by the Second World War, when he served as chief chemist for Wallace Laboratories in New Jersey.

Following the war in 1946, Dr. Caley returned to his alma mater as Associate Professor and Vice Chairman of the Department of Chemistry. He became a full Professor in 1957 and continued his research and teaching in the Department until his retirement in 1970. He was the author of numerous papers and several books including The Composition of Ancient Greek Bronze Coins (1939), Theophrastus on Stones (1956), Analysis of Ancient Glasses (1962), and Analysis of Ancient Metals (1964). His enthusiasm for his scholarship was especially admired by his colleagues, and his research continued without pause until his untimely death. His most recent paper, entitled: Analyses of Eight Roman Orichalcum Coin Fragments, . . . was published in Archeometry in 1983.

Dr. Caley held membership in several organizations, including the ACS, AAAS, Archaeological Institute of America, International Institute for the Conservation of Historic and Artistic Works, Ohio Academy of Science, and Sigma Xi.

April 6, 1984 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Earle R. Caley (contd)

We have lost a man who was characterized by one colleague as "a chemist bearing gifts to the Greeks," and by another as making "a significant contribution to an area of knowledge without regard for the more utilitarian justifications of technology." He will be missed by his colleagues as well as his many friends and admirers in the world-community of scholars.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Evelyn P. Gordon

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 7, 1984, of Evelyn P. Gordon, Instructor Emeritus in the School of Allied Medical Professions.

Evelyn P. Gordon, emeritus faculty member of the Medical Dietetics Division, School of Allied Medical Professions, made a significant contribution to The Ohio State University in school lunch programming and dietetic education.

Miss Gordon was a native Ohioan who received her B.S. degree from The Ohio State University in 1932. After twenty years as a high school teacher of Home Economics, she returned to the University and earned her master's degree in the Graduate School in 1952.

In 1952, Miss Gordon began her faculty service to the University in the College of Education as an instructor and the nutritionist in the University School. She held this position until 1968 when she joined the faculty of the School of Allied Medical Professions as an instructor in the Medical Dietetics Division.

During her employment in the College of Education, Miss Gordon was active in both the American School Food Service Association and Ohio School Food Service Association. She was chairman of the Nutrition Committee of ASESAs for two years and was responsible for the preparation of Nutrition Education in School Lunch, a brochure published by ASESAs and widely used by school lunch personnel throughout the United States. She also served as a nutrition consultant to the Ohio Department of Education School Lunch Program and worked with a number of school lunch programs in Ohio schools.

In the College of Education, Miss Gordon participated in a number of activities and projects. She contributed to the College's publication, How Children Develop, published by The Ohio State University in 1964. She also participated in the Inter-age Grouping Experiment in the University School. The school lunch program at the University School, which she directed, was a model for others on the coordination of the feeding program with the education program.

Miss Gordon authored articles on school lunch and its relation to child development, health and nutrition education.

April 6, 1984 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Evelyn P. Gordon (contd)

In the School of Allied Medical Professions, Miss Gordon worked with the faculty responsible for the management component of the Medical Dietetics curriculum where she made an invaluable contribution to the development of the students' knowledge and appreciation of quality food service standards.

Miss Gordon retired and was granted emeritus status in 1973. She remained active at the University until her death.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Emerson Hatcher

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 21, 1984, of Emerson Hatcher, Clinical Professor Emeritus in the Department of Medicine.

Emerson Hatcher was born April 20, 1912 in Hamilton, Ohio. He received the A.B. degree from Berea College, Berea, Kentucky in 1934. In 1938, Dr. Hatcher graduated from Cornell University with a Doctorate in Medicine and undertook Internship and Residency training at The Ohio State University Hospitals. He served as a major in the U. S. Army from 1942-1946. Dr. Hatcher was appointed Clinical Instructor in 1946; served as Chief of the Medical Clinic at the Wilce Student Health Center; and upon his death he held the title of Clinical Professor of Medicine.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Richard R. Medhurst

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 28, 1984 of Richard R. Medhurst, Professor in the College of Social Work.

Dr. Medhurst was born on September 10, 1916 in England and spent his early years there before coming to the United States. He earned a Bachelor of Arts in Sociology in 1940 and later a Master's of Social Work degree at the University of Southern California. He practiced social work at the Santa Barbara County Welfare Department, 1941-1942, before serving as Assistant Field Director and Field Director with the American National Red Cross in Long Beach and Fort MacArthur, California, 1942-1943.

April 6, 1984 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Richard R. Medhurst (contd)

Dr. Medhurst's practice and education were interrupted from 1943 to 1946 when he served as a U. S. Navy Officer. He saw combat aboard ship in the Pacific Theater during World War II.

Upon his return stateside, Dr. Medhurst became a social worker, supervisor and then Assistant Chief with the U. S. Veteran's Administration in Los Angeles from 1946 to 1952. During 1952 to 1955, Dr. Medhurst served as an Assistant Professor at the University of Southern California School of Social Work and earned the Doctorate of Social Work at U.S.C. in 1959. He served from 1957 to 1966 as Assistant Professor, Associate Professor and Professor at the University of Toronto School of Social Work. During his final three years at the University of Toronto he was Assistant Director of the School.

Dr. Medhurst was invited to The Ohio State University as Director of the School of Social Work in 1966, and served in this capacity until 1976. Under his administrative leadership a number of new and revitalized programs took shape. While he was Director, the School instituted a New Careers Program, revised each of the degree programs--BSSW, MSW and Ph.D., initiated the Columbus Area International Program, established a cooperative inter-institutional Ph.D. program in social work with the University of Puerto Rico and, in collaboration with other academic units, began The Ohio State University Commission on Interprofessional Education and Practice. Moreover, ethnic minority representation in the School of Social Work multiplied as a result of recruiting efforts during Dr. Medhurst's administration, and many graduates of the School advanced to positions of leadership in social work practice, administration and education in the United States and abroad. In addition, Dr. Medhurst was instrumental in developing the plans that eventuated in change in status of the School of Social Work to that of an independent College.

During his years at Ohio State University, Dr. Medhurst served terms as a member of the Board of Directors of the Council on Social Work Education and co-chairman of several of its Annual Program Meetings, President of the Ohio Welfare Conference and a member of the University Senate and the Graduate Council.

Those who worked closely with Dr. Medhurst respected him for his warmth and kindness, his concern and love for students and people in general, his devotion to social work education, and his wonderful sense of humor.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

April 6, 1984 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Jerry L. Robertson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 17, 1984 of Jerry L. Robertson, Professor in the Department of Horticulture.

Professor Robertson was born May 3, 1948. He completed his B.S., M.S., and Ph.D. degrees at Purdue University and joined the faculty of The Ohio State University July 1, 1974, and was promoted to the rank of Professor, July 1, 1983.

Professor Robertson was widely recognized as a national leader in research involving the marketing and economics of horticultural commodities with primary emphasis in the area of floriculture. He published extensively in journals in his area of expertise and co-authored a textbook entitled "Management for Retail Florists with Application to Nurseries and Garden Centers."

Dr. Robertson was an active member in numerous professional societies and trade associations including the American Society for Horticultural Science, the Ohio Florists' Association, the Society of American Florists, and the American Marketing Association. He was also active in student organizations including Pi Alpha Xi where he served as faculty advisor, Gamma Sigma Delta, and for many years was coach of the OSU Flower Judging Team. He served as Executive Secretary of Central Ohio Allied Florists and was highly respected by students and professional peers.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Robertson its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

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## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-112

Synopsis: The reports on contracts, grants, and gifts and the summaries for February 1984 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

April 6, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the month of February 1984, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Galbreath, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

SUMMARY FOR FEBRUARY 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	60	\$3,882,351.43
Engineering Experiment Station	45	\$ 213,026.00
		\$4,095,377.43
The Ohio State University Development Fund		
Establishment of Named Funds		
TBDBITL Scholarship Fund (Scholarship(s) - School of Music)		\$ 7,009.62
Grace T. and Dorothy H. Henderson Memorial Scholarship Fund (Scholarships - College of Home Economics)		\$ 5,400.00
Frank E. Bazler Law Library Fund (Purchase of books from the Frank E. Bazler Law Library Fund)		\$ 5,125.00
Charles H. Ingraham 4-H Scholarship Fund (Scholarships for freshman students from Washington or Morgan Counties - College of Agriculture)		\$ 5,000.00
Naurine McCormick Minority Scholarship in Home Economics (Scholarships for Minority Students - College of Home Economics)		\$ 5,000.00
Change in Description of Named Fund		
The Newton D. Baker Memorial Fund		

April 6, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR FEBRUARY 1984 (contd)

The Ohio State University Development Fund (contd)

Withdrawal of Named Fund

The Class of 1933 Endowment Fund

Change of Name of Named Fund

From: Endowed Residency Position in  
Small Animal Veterinary Surgery

To: Richard L. Rudy Residency in  
Small Animal Veterinary Surgery

Report from Presidents Club

Members to date	4,634
1983-84 members: fiscal year to date	80
1984 members: calendar year to date	16
New members - February 1984	10

New Presidents Club Members - February 1984

Lamont W. Blalock	Douglas O. Metz
William S. Crossin	Elsa M. Miller
David B. Dudley	Lee I. Turner
Ellen Havens Hardyman	James A. Wellman
Bethany Klein	Lysbeth J. Young

April 6, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

July through February  
1982/83 compared to 1983/84  
  
THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

CONTRIBUTIONS BY SOURCE

	Donors		Dollars		% Change
	July through 82-83	February 83-84	July through 82-83	February 83-84	
Alumni	30,479	33,286	\$ 6,320,958	\$ 4,357,102	(31)
Non-Alumni	18,152	16,629	2,805,914	4,742,615	69
Corporations	1,094	1,223	2,816,878	3,440,645	22
Corporate Foundations	195	208	1,078,701	1,218,233	13
Private Foundations	93	98	571,494	776,134	36
Other	448	592	743,210	720,222	(3)
Total	50,461	52,036	\$14,337,155	\$15,254,951	6

CONTRIBUTIONS BY TYPE

	July-February 82-83	July-February 83-84	% Change
Designated	\$11,263,033	\$12,653,966	12
Undesignated	945,504	1,061,931	12
Gifts-In-Kind	2,128,618	1,539,054	(28)
Total	\$14,337,155	\$15,254,951	6
Gifts (# of)	62,356	63,904	2



April 6, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - February 1984

Federal Research Contracts/Grants

\$770,000.00 - Department of Energy, Argonne, Illinois, High Energy Physics, Department of Physics (T. A. Romanowski, K. Reibel, N. W. Reay, N. R. Stanton, T. Y. Ling and H. P. Kagan), 1 February 1984 through 31 January 1985. (Project 762116 - Continuation)

\$195,130.00 - National Science Foundation, Washington, D. C., Development and Dissemination of an Integrated Multipurpose Software Package, Department of Education Theory and Practice (S. Damarin), 1 February 1984 through 31 January 1986. (Project 763975 - New)

\$148,161.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Unusual Biologically Active Terpenes, Department of Chemistry (L. A. Paquette), 1 April 1984 through 31 March 1985. (Project 763497 - Continuation)

\$146,131.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Polycondensed Alicyclics and Their Antiviral Role, Department of Chemistry (L. A. Paquette), 1 May 1984 through 30 April 1985. (Project 763920 - Continuation)

\$117,946.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Immunosuppressive Properties of Retrovirus Protein, Department of Veterinary Pathobiology (R. Olsen and G. J. Kociba), 1 February 1984 through 31 January 1985. (Project 762986 - Continuation)

\$112,264.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Role of Glycolipids in Glioma Resistance to Cytolysis, Department of Pathology (A. J. Yates), Department of Radiology (R. E. Stephens) and Department of Medicine (R. L. Whisler), 1 February 1984 through 31 January 1985. (Project 762989 - Continuation)

\$111,000.00 - Department of the Air Force, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, Application of Full Wave Solutions to High Frequency (HF) Heating and Generation of Irregularities in the F-Region of the Ionosphere, Department of Electrical Engineering (T. A. Seliga), 1 October 1983 through 30 September 1984. (Project 763439 - Continuation)

April 6, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$109,070.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Phase I Studies of New Anticancer Agents, Cancer Research Center (J. A. Neidhart), 1 April 1982 through 30 November 1984. (Project 763077 - Continuation)

\$108,160.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Genetics of Myogenesis: Structure and Function, Department of Genetics (S. V. Falkenthal and J. B. Griffing), 1 June 1984 through 31 May 1985. (Project 763993 - New)

\$101,198.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Physiological Analysis of Optic Nerve Disease, College of Optometry (P. F. King-Smith), 1 April 1984 through 31 March 1985. (Project 763996 - New)

\$99,000.00 - National Science Foundation, Washington, D. C., The Biology of Mixed-Species Foraging Groups: An Experimental Analysis, Department of Zoology (T. C. Grubb, Jr.), 15 February 1984 through 31 January 1987. (Project 763931 - New)

\$97,492.00 - Department of Education, Washington, D. C., Improving the Basic Math Skills and Job Awareness of Handicapped Students through Simulated Career Exploration Activities, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1984 through 31 December 1985. (Project 763423 - Continuation)

\$95,201.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Health, Labor Market Activity, and Income Security, Department of Economics (D. O. Parsons), 1 February 1984 through 31 January 1985. (Project 763411 - Continuation)

\$92,396.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Stereoisomeric Imidazolines: Adrenoreceptor Studies, College of Pharmacy (D. D. Miller and P. N. Patil), 1 April 1984 through 31 March 1985. (Project 763483 - Continuation)

\$85,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Studies on Syntheses and Derivatives of Boron Hydride Systems, Department of Chemistry (S. G. Shore), 1 April 1984 through 31 March 1985. (Project 763039 - Continuation)

April 6, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$77,400.00 - National Science Foundation, Washington, D. C., Plastic Instability and Fracture in Steels, Department of Metallurgical Engineering (J. P. Hirth), 1 April 1984 through 30 March 1985. (Project 763970 - New)

\$75,945.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Leadership Training of Special Education Doctoral Students in an Interdisciplinary Environment, Nisonger Center for Mental Retardation (D. C. Cavin), 1 June 1984 through 31 May 1985. (Project 763563 - Continuation)

\$62,911.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Optical Flow and Texture Variables Useful in Determining and Guiding Self-Motion, Department of Psychology (D. H. Owen), 16 January 1984 through 15 January 1985. (Project 763524 - Continuation)

\$61,776.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Transformation from Cone to Channel Sensitivities, Department of Zoology (C. R. Ingling, Jr.), 1 March 1984 through 28 February 1985. (Project 761926 - Continuation)

\$52,907.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Improvement of the Mechanical Performance of the Thorax of the Hybrid III Dummy, Department of Mechanical Engineering (D. A. Guenther), 1 April 1984 through 30 September 1984. (Project 763710 - Continuation)

\$52,748.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Otitis Media with Effusion, Department of Otolaryngology (D. J. Lim and T. DeMaria), 1 December 1983 through 30 November 1984. (Project 760043 - Continuation)

\$48,789.00 - Department of Energy, Morgantown Energy Technology Center, Morgantown, West Virginia, Development of a Generalized Hydraulic Fracture Model, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 1 May 1986 through 31 October 1986. (Project 763827 - Continuation)

\$46,627.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Tissue Selectivity of 5-Fluorouracil Prodrugs, College of Pharmacy (J. L. Au), 1 March 1984 through 28 February 1985. (Project 763786 - Continuation)

April 6, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$42,668.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Multiple Comparisons with the Best Treatment, Department of Statistics (J. C. Hsu), 1 March 1984 through 28 February 1985. (Project 763442 - Continuation)

\$37,429.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Support of Defects Investigations, Department of Mechanical Engineering (D. A. Guenther), 20 February 1984 through 15 November 1984. (Project 763983 - New)

\$27,248.00 - National Science Foundation, Washington, D. C., History of Volcanic Activity and Glaciation during the late Cenozoic Era in the Ross Embayment, Antarctica, Institute of Polar Studies (G. Faure), 27 January 1984 through 31 December 1984. (Project 763448 - Continuation)

\$15,478.00 - National Science Foundation, Washington, D. C., Systematics of Gunnera (Gunneraceae) and Peperomia (Piperaceae) in the Juan Fernandez Islands, Chile Dissertation Improvement, Department of Botany (T. F. Stuessy and D. J. Crawford), 1 March 1984 through 28 February 1986. (Project 763992 - New)

\$8,318.00 - National Science Foundation, Washington, D. C., Feasibility Study Concerning a Possible Interdisciplinary Conference on the 'The Methodological Research Frontiers and the Social Sciences,' Department of Geography (E. Casetti), 15 February 1984 through 30 September 1984. (Project 763971 - New)

\$7,092.00 - Department of Health and Human Services, Public Health Service, Food and Drug Administration, Rockville, Maryland, The Veterinary Drug Experience Reporting Program, Department of Veterinary Clinical Sciences (W. W. Muir), 27 June 1981 through 26 June 1984. (Project 762689 - Continuation)

\$5,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Discrete Control Modeling of Computer-Aided Control of Strongly Interactive Systems, Department of Industrial and Systems Engineering (R. A. Miller) and Department of Psychology (R. J. Jagacinski), 1 February 1984 through 30 September 1984. (Project 763264 - Continuation)

\$4,923.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Amphetamine, Monoamines and Behavior, College of Pharmacy (N. J. Uretsky), 1 July 1983 through 30 June 1984. (Project 761210 - Continuation)

April 6, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$4,300.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Ultraviolet Observations of Bright  $\lambda$  Bootis Stars, Department of Astronomy (A. E. Slettebak), 1 March 1984 through 31 August 1984. (Project 762142 - Continuation)

\$3,605.00 - Department of the Navy, Navy Shipyard Training, Command (Norfolk), Portsmouth, Virginia, DACUM Facilitator Training for the U. S. Navy, The National Center for Research in Vocational Education (R. E. Taylor), 1 February 1984 through 30 April 1984. (Project 763973 - Continuation)

TOTAL - FEDERAL AWARDS \$3,023,313.00

State of Ohio Research Contracts/Grants

\$22,016.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Deinstitutionalization Task Force Implementation, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 February 1984 through 30 September 1984. (Project 763871 - Continuation)

\$7,750.00 - State of Ohio, The Ohio Arts Council/The Ohio Humanities Council, Columbus, Ohio, Reflections on a Glass Box: Outside Modern Architecture, Department of Architecture (R. S. Livesey), 1 January 1984 through 30 September 1984. (Project 763991 - New)

\$3,000.00 - State of Ohio, The Ohio Arts Council, Columbus, Ohio, Hacienda Punto en Otro Son, Office of Student Life (C. A. Breckenridge), 23 April 1984 through 29 April 1984. (Project 763985 - New)

\$1,000.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, Hitchcock Film Festival, Newark Campus and Department of English (P. B. Graham), 8 December 1983 through 28 February 1984. (Project 763990 - New)

\$1,000.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, New Music: OSU Hosts Nineteenth Annual American Society of University Composers Festival-Conference, School of Music (G. M. Proctor and T. Wells), 10 February 1984 through 31 May 1984. (Project 763998 - New)

\$150.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, The Spiritual: A History and Performance, Department of English (M. E. Rucker), 3 January 1984 through 29 February 1984. (Project 763958 - Continuation)

TOTAL - STATE OF OHIO AWARDS \$ 34,916.00

April 6, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants

\$356,212.57 - Price Waterhouse Company, Washington, D. C., ARAMCO Maintenance Project, The National Center for Research in Vocational Education (R. E. Taylor), 15 February 1984 through 30 September 1984. (Project 763987 - Continuation)

\$28,073.00 - Schering Corporation, Kenilworth, New Jersey, Flunixin Ophthalmic Dose Titration Study in the Dog, Department of Veterinary Clinical Sciences (M. Wyman and J. J. Kowalski), 1 January 1984 through 31 March 1984. (Project 763981 - New)

\$21,590.00 - Physicians for General Practice, Inc., Columbus, Ohio, Graduate Student Internship, Department of Human Services Education (D. J. Tosi), 1 January 1984 through 31 December 1984. (Project 763986 - New)

\$5,000.00 - Hill's Pet Products, Inc., Topeka, Kansas, Mode of Action, Toxicity, and Formulation of Insecticides Containing Citrus Products, Components of Citrus Products and/or Materials Related Thereto or Derived Therefrom, Department of Entomology (W. F. Hink), 1 May 1983 through 30 April 1985. (Project 763551 - Continuation)

\$3,400.00 - International Training and Education Company, Framingham, Massachusetts, Inresident/Fellowship/Training and Assistance for Academic Program for Mr. Jaber Al-Essa, Jubail Human Resources Development Institute, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1984 through 31 May 1984. (Project 763633 - Continuation)

\$3,000.00 - Transamerica Delaval, Inc., Trenton, New Jersey, Electrochemical Reactivity and Stress Corrosion Cracking of Turbine Disc Alloys, Department of Metallurgical Engineering (D. D. Macdonald), 1 February 1984 through 20 February 1984. (Project 761965 - Continuation)

\$1,450.00 - The Oak Rubber Company, Ravenna, Ohio, Video Job Orientation and Training Program Production, College of Education -Administration (J. J. Buffer), 10 February 1984 through 30 April 1984. (Project 763989 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 418,725.57

Other Non-Federal Research Contracts/Grants

\$187,500.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1984 through 31 August 1984. (Project 760982 - Continuation)

April 6, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$51,732.00 - University of Wisconsin, Madison, Wisconsin, MUCIA Indonesia Higher Education Project, Academic Affairs - Administration (D. G. McCloud), 1 September 1983 through 19 May 1987. (Project 763978 - New)

\$44,845.00 - North Carolina State University, Raleigh, North Carolina, Interactions between Acidic Precipitation and Arthropods: Effects on Throughfall, Soil Chemistry and Crop Production, Department of Entomology - OARDC (B. R. Stinner), 1 December 1983 through 30 November 1984. (Project 763914 - New)

\$29,940.00 - Electric Power Research Institute, Inc., Palo Alto, California, Training and Support Services for the Electric Power Research Institute Underground Obstacle Mapping System, Department of Electrical Engineering, ElectroScience Laboratory (R. Caldecott), 10 February 1984 through 31 July 1984. (Project 763972 - Continuation)

\$20,819.00 - Battelle Memorial Institute, Research Triangle Park, North Carolina, Digital Terrain Elevation Model Analysis, Department of Geodetic Science and Surveying (J. C. Loon), 14 February 1984 through 14 August 1984. (Project 763994 - New)

\$19,473.86 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 November 1983 through 30 June 1984. (Project 763289 - Continuation)

\$14,900.00 - EXXON Education Foundation, New York, New York, Development of Curriculum Materials for Teaching Law Students and Other Ethical and Policy Issues Related to Mediation in Court-Annexed and Free-Standing Dispute Resolution Centers, College of Law (N. Rogers), 1 November 1983 through 30 June 1984. (Project 763988 - New)

\$9,815.00 - Mayo Foundation, Rochester, Minnesota, Mechanical Factors Determining Collateral Gas Flow in Dog Lungs, Department of Veterinary Physiology and Pharmacology (L. E. Olson), 1 January 1984 through 30 June 1984. (Project 763974 - New)

\$8,610.00 - Missouri Public Service Commission, Jefferson City, Missouri, Technical Assistance for Computer Models, National Regulatory Research Institute (D. N. Jones), 1 January 1984 through 30 June 1984. (Project 763968 - New)

April 6, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$5,562.00 - Children's Hospital, Columbus, Ohio, Subcontract-Children's Hospital Application to NIH-Pancreatic Function Testing with Lipid Analogues, Department of Veterinary Clinical Sciences (R. G. Sherding), 1 April 1984 through 31 March 1984. (Project 763995 - New)

\$5,000.00 - Robert L. Letcher, M.D., New York, New York, Studies of Enzymatic Effects on Blood Protein Concentration, College of Pharmacy (J. W. Williams), 1 January 1984 through 31 May 1984. (Project 763565 - Continuation)

\$4,000.00 - Battelle Memorial Institute, Columbus, Ohio, Development of Database Selection Runs, Department of Computer and Information Science (B. Chandrasekaran), 1 January 1984 through 31 March 1984. (Project 763980 - Continuation)

\$2,200.00 - North Texas State University, Denton, Texas, The Adaptation and Pilot Testing of a Pre-Service Version of ICDM, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1984 through 31 August 1985. (Project 763418 - Continuation)

\$1,000.00 - American Lung Association of Ohio, Columbus, Ohio, Adherence of Nosocomial Pathogens to Ciliated Epithelium, Department of Microbiology (N. R. Baker), 1 July 1983 through 30 June 1984. (Project 763713 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS \$ 405,396.86

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$128,196.00 - Ohio Air Quality Development Authority, Columbus, Ohio, "Transport and Transformation of Airborne Pollutants," Atmospheric Science Group, 1 January 1984 through 31 December 1984. (EES 529629 Ext. 3)

Industrial and Other Sponsored Research and Development

\$75,260.00 - from various industry for 43 development projects under the direction of eight engineering departments.

\$9,570.00 - IBM Corporation, "Automated Support for Methodologies," Department of Computer and Information Science, 1 January 1984 through 31 March 1984. (EES 529649)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH \$ 84,830.00



April 6, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Establishment of Named Funds

##### TBDBITL Scholarship Fund

The TBDBITL Scholarship Fund was established April 6, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the TBDBITL Alumni Club.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be awarded as scholarship(s) to one or more deserving students by the School of Music to encourage participation in The Ohio State University Marching Band. Recipients will be selected by established procedures within the School of Music, with final approval by the Director of the School of Music, who will also approve requisitions for payment.

Should the need for this income cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as recommended by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the School of Music, in consultation with the TBDBITL Board or its designee.

##### Grace T. and Dorothy H. Henderson Memorial Scholarship Fund

The Grace T. and Dorothy H. Henderson Memorial Scholarship Fund was established April 6, 1984, by The Ohio State University Board of Trustees, with gifts to The Ohio State University Development Fund from family and friends, in honor of Grace Tresch Henderson, B.S.H.E. '29, and Dorothy Hammans Henderson, a former faculty member in the College of Home Economics.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income to \$750 is to be used to provide one or more scholarships in the name of Grace T. Henderson for sophomore, junior, or senior undergraduate students majoring in Dietetics in the College of Home Economics who best exemplify the academic excellence and professional leadership characteristic of Mrs. Henderson. The recipient must be a former 4-H member from the State of Ohio with preference going to students from Southeastern Ohio, with applicants from Noble, Harrison, Jackson, and Washington Counties receiving highest priority. The selections shall be made by the College of Home Economics in conjunction with the Student Office of Financial Aids.

The income in excess of \$750 shall be used to provide at least one scholarship in the name of Dorothy H. Henderson. The recipient shall be a sophomore, junior, or senior honor student in the College of Home Economics, with

April 6, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Grace T. and Dorothy H. Henderson Memorial  
Scholarship Fund (contd)

preference given to those students majoring in Home Management and Housing. The selection of the recipient will be made by the College of Home Economics.

Should the total earnings of this account exceed \$1,500, the annual income shall be used to equally fund scholarships in the names of both Grace T. and Dorothy H. Henderson.

Should the need for this fund cease to exist, or so diminish as to provide unused income, then the income from the fund may be used for any purpose whatsoever as determined by the Board of Trustees, with special consideration given to recommendations by the Dean of the College of Home Economics.

Frank E. Bazler Law Library Fund

The Frank E. Bazler Law Library Fund was established April 6, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Frank E. Bazler, B.S.Bus. Adm. '51, J.D. '53.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for the purchase of books selected by the dean of the College of Law for placement in the library of the College of Law from the Frank E. Bazler Law Library Fund.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for law education.

Charles H. Ingraham  
4-H Scholarship Fund

The Charles H. Ingraham Scholarship Fund was established April 6, 1984, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund. This fund was established by Charles H. Ingraham, Professor Emeritus and Josephine Dunkle Ingraham; their family, former students, and agri businesses.

April 6, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

Charles H. Ingraham  
4-H Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income will be used to provide a scholarship for incoming freshman students from Washington or Morgan Counties enrolling in the College of Agriculture. Students must be present or former 4-H members who have demonstrated outstanding leadership potential. Students selected shall have a demonstrated interest in the marketing of agricultural products. The recipients will be selected by the University Office of Financial Aids based on the recommendations of the Assistant Dean for Student Affairs, College of Agriculture, in consultation with the 4-H Scholarship Selection Committee. Any income not used in a given year will be added to the principal at the end of that fiscal year.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income from the fund may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Agriculture at The Ohio State University.

#### Naurine McCormick Minority Scholarship in Home Economics

The Naurine McCormick Minority Scholarship in Home Economics was established April 6, 1984, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from Naurine Requist McCormick, a member of the faculty of the College of Home Economics.

All gifts are to be invested in the University's permanent endowment fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the case dictates.

The annual income is to be used to provide one or more scholarships for minority students who have good academic standing and are enrolled in the College of Home Economics. First preference is to be given to a student of sophomore academic rank. The scholarship may be renewable for a maximum of two years. The selection of the recipient is to be made by the University Scholarship Committee on Student Financial Aids upon the recommendation of a selection committee appointed by the Dean of the College of Home Economics.

April 6, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Naurine McCormick Minority Scholarship in Home Economics (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the study of Home Economics.

#### Change in Description of Named Fund

##### The Newton D. Baker Memorial Fund

The Newton D. Baker Memorial Scholarship Fund was established February 1, 1974, by the Board of Trustees of The Ohio State University with initial gifts from John D. Drinko, LL.B. '44, of the law firm of Baker, Hostettler and Patterson, Cleveland, Ohio, and several of his friends in memory of the firm's founder, Newton D. Baker, who was also a loyal benefactor and Chairman of the Board of Trustees of The Ohio State University.

All gifts allocable to this fund are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support the Newton D. Baker Professorship in Law. The professorship is created to recognize the work of a distinguished scholar and teacher in the College of Law. Appointment to the Newton D. Baker Professorship of Law will be recommended to the provost by the dean of the College of Law for approval by the Board. If at any time the annual income is greater than that necessary in the opinion of the dean of the College of Law to support the professorship, or if the professorship should be vacant, the available income may, at the discretion of the dean of the College of Law, be used to award a Newton D. Baker Scholarship to one or more students in need of financial aid, or for one or more Newton D. Baker Summer Research Fellowships for faculty members of the College of Law.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for law education.

April 6, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Withdrawal of Named Fund

The Class of 1933 Endowment Fund

The Class of 1933 Endowment Fund was established October 7, 1983 by the Board of Trustees of The Ohio State University with gifts from members of the Class of '33. Under the terms of establishment, the gifts are to be invested in the University's Permanent Endowment Fund and the annual income from the gifts used to benefit The Ohio State University Student Loan Foundation, Inc.

The undersigned, being members of the Class of 1933 Gift Committee have reconsidered the investment of the Class of 1933 Endowment Fund and hereby request that the charter of the Fund be amended by deleting the second and subsequent paragraphs thereof and substituting the following:

"All gifts, including gifts previously invested in the University's Permanent Endowment Fund and the interest accrued thereon to date of transfer, are to be deposited with The Ohio State University Student Loan Foundation, Inc. The sums so deposited are to be used for student financial aid in accordance with the Articles, Regulations and By-Laws of such Foundation.

"The gifts and interest additions deposited with The Ohio State University Student Loan Foundation, Inc. in accordance with the provisions of the previous paragraph are to be maintained as a Separate Fund within the Foundation to be known as and identified in the Foundation annual reports as The Class of 1933 Endowment Fund."

The committee understands that, under the terms of the foregoing charter amendment, the entire principal of the gifts of the Class of 1933, plus interest additions, will become available for student financial aid. The committee further understands that after the effective date of this charter amendment, the Class of 1933 Endowment Fund will no longer be listed in the Annual Report of The Ohio State University Endowment Fund, known as Cornerstone.

Respectfully submitted,

Class of 1933 Gift Committee

/s/ Russell Saxby

/s/ Luther Gunsett

Accord; for the Class of 1933  
Reunion Committee

/s/ Fred Stecker

/s/ Jane Fitting

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April 6, 1984 meeting, Board of Trustees

EMPLOYMENT OF ARCHITECT/ENGINEER AND  
REQUEST FOR CONSTRUCTION BIDS  
MAIN LIBRARY - SYSTEM MODIFICATIONS

Resolution No. 84-113

Synopsis: Authorization to employ an engineering firm and request construction bids is proposed.

WHEREAS the Main Library air systems, primarily in the stack areas, are in need of renovation and modification to upgrade existing temperature control, humidity control and cooling source chiller plant together with auxiliary support equipment; and

WHEREAS this system modification measure provides for a three-stage construction program with the planning stage providing completed construction documents for all three stages:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified engineering firm for this project in conjunction with the Department of Administrative Services and that the fees for this engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 84-114

Synopsis: Approval of plans and specifications for the following project is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

April 6, 1984 meeting, Board of Trustees

## PLANS AND SPECIFICATIONS (contd)

### CAMPUS LOTS, WALKS AND CURBS - REPAIRS 1984

Project: Repair, slurry seal, emulsion seal coat and reconstruct various parking lots on the main campus, midwest campus and at Don Scott Field, and extend Jesse Owens Plaza, matching interweave paving brick and tree protection across Woody Hayes Drive island to accommodate pedestrian traffic traveling between the Stadium and St. John Arena.

Fundings: University Funds B/A 885071 (Traffic & Parking) (\$154,567.00)  
University Funds B/A 885200 (\$41,600.00)

Estimated Project Cost: \$196,167.00

#### NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Redman, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 84-115

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

April 6, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

LIMA AUDITORIUM RENOVATION

Description: Renovation of the Auditorium at the Lima Regional Campus to include new seating and light replacement. The estimated completion date is October, 1984.

Painting Contract

Date Received:	February 14, 1984
No. of Bids:	3
Low Bid:	\$ 3,850.00
High Bid:	\$ 5,588.00
Estimate of Cost:	\$ 3,500.00
Awarded to:	Stouthill Construction, Stoutsville, Ohio

Seating Contract

Date Received:	February 14, 1984
No. of Bids:	3
Low Bid:	\$47,500.00*
High Bid:	\$52,545.00
Estimate of Cost:	\$67,117.00
Awarded to:	Stevenson & Associates, Dublin, Ohio*

Electrical Contract

Date Received:	February 14, 1984
No. of Bids:	7
Low Bid:	\$15,440.00
High Bid:	\$32,887.08
Estimate of Cost:	\$40,000.00
Awarded to:	Williams Bros., Delta, Ohio

\*Seating contract awarded to the second low bidder in the amount of \$49,403.00 due to the superior quality of the seats being provided.



April 6, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

LIMA AUDITORIUM RENOVATION (contd)

Total All Contracts:	\$68,693.00
Total Contingency Allowance:	\$ 5,693.94 (which is 8 per cent of construction costs)
Total Project Cost:	\$76,870.00
Funding:	Am. Sub. H.B. 552, Regional Campuses Utilities and Renovation

NEIL HALL - FIRE EXIT RENOVATIONS

Description: This project consists of replacing the exterior fire escapes with interior stair wells. The estimated completion date is October, 1984.

General Contract

Date Received:	February 16, 1984
No. of Bids:	3
Low Bid:	\$139,350.00*
High Bid:	\$198,000.00
Estimate of Cost:	\$145,000.00
Awarded to:	Concepts Enterprises Inc., Columbus, Ohio*

Mechanical Contract

Date Received:	February 16, 1984
No. of Bids:	2
Low Bid:	\$ 35,000.00
High Bid:	\$ 47,700.00
Estimate of Cost:	\$ 22,200.00
Awarded to:	United Construction Equipment, Columbus, Ohio

\*General Contract awarded to the second low bidder in the amount of \$140,700.

April 6, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

NEIL HALL - FIRE EXIT RENOVATIONS (contd)

Electrical Contract

Date Received:	February 16, 1984
No. of Bids:	2
Low Bid:	\$ 32,988.00
High Bid:	\$ 41,334.00
Estimate of Cost:	\$ 32,290.00
Awarded to:	Edmonds Mechanical Ctrs., Dayton, Ohio
Total All Contracts:	\$208,988.00
Total Contingency Allowance:	\$ 21,038.59 (which is 10 per cent of construction costs)
Total Project Cost:	\$249,500.00
Funding:	University Funds Account 885190 (Residence & Dining Halls)

ENERGY CONSERVATION MODIFICATIONS -  
PHASE V, HITCHCOCK HALL

Description: This energy conservation project provides for the removal of the existing steam absorption unit, to be replaced with a new electric centrifugal chiller unit, with an anticipated project payback in approximately three years and eight months. Construction is to begin after cooling season shutdown in 1984, and the estimated completion date is March, 1985.

HVAC Contract

Date Received:	February 17, 1984
No. of Bids:	5
Low Bid:	\$145,600.00
High Bid:	\$153,500.00
Estimate of Cost:	\$163,500.00
Awarded to:	Limbach Company, Columbus, Ohio

April 6, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

ENERGY CONSERVATION MODIFICATIONS -  
PHASE V, HITCHCOCK HALL (contd)

Electrical Contract

Date Received:	February 17, 1984
No. of Bids:	6
Low Bid:	\$ 15,600.00
High Bid:	\$ 18,900.00
Estimate of Cost:	\$ 16,500.00
Awarded to:	Electric Power Equipment Co., Columbus, Ohio
Total All Contracts:	\$161,200.00
Total Contingency Allowance:	\$ 11,284.00 (which is 7 per cent of construction costs)
Total Project Cost:	\$192,903.80
Funding:	University Funds Account 885204 (\$32,000) University Funds Account 210134 (\$32,903.80) Board of Regents Funds (\$128,000)

RECREATIONAL FIELD, SOUTH OF OHIO STADIUM

Description: This project consists of regrading the area south of the Ohio Stadium and west of Larkins Hall for multiple recreational use and sports events. Storm sewer and pumping station will be installed to handle water runoff. The estimated completion date is September, 1984.

General Contract

Date Received:	February 22, 1984
No. of Bids:	7
Low Bid:	\$185,223.50*
High Bid:	\$255,568.07*
Estimate of Cost:	\$308,020.00*
Awarded to:	The Righter Co., Inc., Columbus, Ohio

\*Recommended alternates reflected in these figures.

April 6, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

RECREATIONAL FIELD, SOUTH OF OHIO STADIUM (contd)

Total All Contracts:	\$185,223.50*
Total Contingency Allowance:	\$ 18,522.66 (which is 10 per cent of construction costs)
Total Project Cost:	\$215,530.00*
Funding:	University Funds Account 882047

\*Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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BLACK STUDIES COMMUNITY EXTENSION CENTER

Resolution No. 84-116

Synopsis: Authority to enter into an agreement with Charles E. Wallace and Company for the purchase of a facility to house the Black Studies Community Extension Center is requested.

WHEREAS since 1972 the University's Department of Black Studies has operated a Community Extension Center within the black community in the City of Columbus, which facility presently is located in leased space at 640 South Ohio Avenue; and

WHEREAS the purpose of the Community Extension Center is to foster greater interaction between the community and the University and to provide educational and research programs and services that enhance academic opportunities for students and that relate to community issues and concerns by offering credit and non-credit courses which promote the educational advancement of community residents, coordinating and developing community participatory research skills, serving as a meeting place for community social and civic groups and promoting interaction with individuals from the University, providing educational and psychological counseling services, establishing a community education information and referral clearinghouse, and developing and fostering community participation in cultural programs; and

April 6, 1984 meeting, Board of Trustees

### BLACK STUDIES COMMUNITY EXTENSION CENTER (contd)

WHEREAS the present leased space is inadequate to meet the basic needs of the Center and to carry out the programs described above and there is a need for a new facility to accommodate current and future program requirements; and

WHEREAS Charles E. Wallace and Company has presented the University with an opportunity to acquire a new facility, containing approximately 6,940 gross square feet, to be constructed at the southeast corner of Monroe Street and Mt. Vernon Avenue, on a tract of land donated to Charles E. Wallace and Company by the City of Columbus for this purpose, at a total cost of less than \$300,000.00, which facility would be constructed in accordance with the program of requirements, plans, and specifications as approved by the University; and

WHEREAS Amended Substitute House Bill 552 adopted by the 114th General Assembly appropriated \$300,000.00 to the University for this purpose; and

WHEREAS the purchase of this facility has been approved and recommended by all appropriate University offices:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance from Charles E. Wallace and Company, upon successful completion of the project, the land and building to be acquired and constructed by Charles E. Wallace and Company, to provide a new facility for the Department of Black Studies Community Extension Center, at a total base cost not to exceed \$300,000.00, plus the cost of any options chosen by the University if funds are available for the purchase of such options, on the condition that Charles E. Wallace and Company obtain clear and marketable fee simple title to the property and that the facility is constructed in accordance with the program of requirements, plans, and specifications as approved by the appropriate University offices.

Upon motion of Mr. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### STUDENT HEALTH INSURANCE

Resolution No. 84-117

Synopsis: Renewal of the Student Health Insurance Program with Mutual of Omaha is proposed.

WHEREAS on March 5, 1982, this Board awarded a two-year renegotiated contract (effective Autumn Quarter, 1982) to provide Student Health Insurance; and

April 6, 1984 meeting, Board of Trustees

#### STUDENT HEALTH INSURANCE (contd)

WHEREAS after consideration of the desires and concerns of the students who purchase the insurance, the Student Health Insurance Committee of the Council on Student Affairs has recommended--and the full Council on Student Affairs has ratified this recommendation--that the renegotiated contract continue to provide the existing benefits; and

WHEREAS the coverage will be available on an optional basis to all registered students at the following quarterly premium schedule:

Classification	Quarterly Premium Rates
Student	\$ 50
Student and spouse	153
Student, spouse and all children	222
Student and all children	119

NOW THEREFORE

BE IT RESOLVED, That Mutual of Omaha be awarded the renegotiated Student Health Insurance contract effective the first day of classes, Autumn Quarter, 1984, for a period of one year. The contract will provide the benefits now available under the terms of the current contract.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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#### CONGRATULATIONS TO PROFESSOR HARVEY FRIEDMAN

Resolution No. 84-118

WHEREAS the National Science Foundation's Alan T. Waterman Award is the most significant award that can be made to a young scientist in the United States; and

WHEREAS Professor Harvey Friedman of the Department of Mathematics has been designated recipient of the 1984 Alan T. Waterman Award:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees extends its deepest and most sincere congratulations to Professor Harvey Friedman on winning this most prestigious prize, which adds esteem not only to him and his department, but to the whole of The Ohio State University; and

BE IT FURTHER RESOLVED, That a copy of this resolution shall be placed in the permanent files of Professor Friedman.

Upon motion of Mr. Teaford, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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April 6, 1984 meeting, Board of Trustees

Dr. Jacob called on David W. Kramer, Dean/Director of the Mansfield campus of The Ohio State University, to introduce the presentation by the Mansfield campus representatives.

#### REPORT - THE PRESIDENT'S AFFIRMATIVE ACTION GRANT AT MANSFIELD

Dr. Kramer noted that OSU-Mansfield is a 600-acre campus which was given to The Ohio State University by the local community. Including the North Central Technical College, which shares the facilities, approximately 3,000 students attend programs on the campus. Dr. Kramer introduced Dr. Byron Keith who was appointed President of North Central Technical College on February 1. Dr. Kramer stated that since a general report on Mansfield and the other regional campuses had been presented to the Board last year, the report at this meeting would focus on the implementation at Mansfield of an affirmative action grant awarded by the President's Office and the Office of Affirmative Action.

Dr. Allan Dittmer, Associate Dean at Mansfield and Associate Professor of Humanities Education, outlined OSU-Mansfield's application for the grant and receipt of the award. He introduced Dr. Robert Kahn, Associate Professor of Political Science, who played a major role in the development of the grant proposal.

Professor Kahn observed that in spite of the fact that OSU-Mansfield is a regional campus located in a small community in an essentially rural area, and that it has historically attracted a disproportionately small number of minority students, it has essentially the same obligation as the main campus to provide affirmative action programs for the minority population within the community it serves. An affirmative action program was developed at Mansfield for the 1983-84 year, and the campus received the referenced grant to support the program. A minority affairs advisory committee provides direction for the efforts, which consist of three components. First, a high school program is aimed at establishing and maintaining communications with and support for black culture clubs in the high schools. Second, a minority scholarship program has been established for Mansfield, to be funded equally from the grant, the campus scholarship fund, and monies to be raised from the community. The third component of the program is a leadership program to enhance identification with and service to the Mansfield community. In this connection, a series of Saturday morning seminars for minority community leaders will be sponsored this spring. A nationally-known speaker, Mary Frances Berry, will address a campus audience on May 24.

Carolyn Payton, a member of the Minority Advisory Committee, addressed the Board from the perspective of the community. Mrs. Payton noted that the receipt of the affirmative action grant and the establishment of the advisory committee have had a wide-ranging effect on campus-community ties, communications and perceptions. The program has resulted in the discovery of many effective ways of enhancing affirmative action and educational awareness and opportunity. Mrs. Payton expressed the view that in the past, little direct contact has existed between the campus and the minority community. The affirmative action program has been a two-way communications process, and the work of the advisory committee has resulted in a heightened awareness of both community needs and campus opportunities. It is the goal of the committee to continue this initial success on a long-range basis.

April 6, 1984 meeting, Board of Trustees

# REPORT - THE PRESIDENT'S AFFIRMATIVE ACTION GRANT AT MANSFIELD (contd)

Marian Russell spoke to the Board about her experiences as a student at the Mansfield campus and a member of the Minority Affairs Advisory Committee. Ms. Russell highlighted the programs and opportunities which were available on the Mansfield campus for interested students. In particular, she stressed that scholarship funds available for OSU students enrolled at Mansfield were of particular significance in enhancing opportunities for students in her situation. Ms. Russell noted that new funds available through the affirmative action grant would further increase enrollment options for minority students.

Lisa Scott, a senior at Mansfield Senior High School and secretary of the Black Culture Club, expressed to the Board her views about the importance to her and other high school students in the Mansfield and surrounding areas of the affirmative action efforts on the Mansfield campus. In her remarks, Ms. Scott described various portions of a field trip to the Ohio State main campus organized through the Black Culture Club earlier in the year under the auspices of the Mansfield campus. She also mentioned several other events which had occurred this year due to campus interest, assistance and encouragement. Ms. Scott summed up by saying that the Mansfield campus involvement has meant that the black culture clubs have been much more able to focus on their intended purpose of enhancing cultural awareness and activity among minority high school students.

President Jennings made the following comment:

Thank you very much, Allan. I have a couple of comments. First of all, Lisa, you have one more job to do as a student as articulate as you clearly are--you must come to Ohio State, whether it is at Mansfield or Columbus; and if you don't, all these faculty members and Dean Kramer are going to be in a whole mess of trouble. We want you here. In all seriousness, this is the type of activity that not only Ohio State, but all public institutions in the State of Ohio need to be committed to. The type of creativity that the faculty and the staff and the advisory committee have exhibited here is exactly the thing we need in these times. We do indeed need new ideas, new involvement; and despite all of the "thank-yous," very little would happen without your demonstrated commitment to doing things well. And we, the institution, thank you for your hard work, for getting a lot of folks together. That is always difficult, but that type of commitment, that type of involvement is greatly appreciated by all. Thank you.

Dean Kramer made the following statement:

Thank you, Ed. I think this is a good point to announce that last week we delivered to the Columbus campus our proposal for next year's Affirmative Action Grant. We are filing a joint proposal with the Marion campus incorporating the best features of both of our programs. I understand, by the way, in talking with Frank Hale yesterday, that there are many more applications this year for these grants than there were last year, and I think that speaks very well for the program.



April 6, 1984 meeting, Board of Trustees

REPORT - THE PRESIDENT'S AFFIRMATIVE ACTION  
GRANT AT MANSFIELD (contd)

Dean Kramer (contd)

The affirmative action project is not the only exciting thing that has happened at the campus this year or that will happen yet in the remaining months of the year. On your table there is an announcement of Women's Week. Women's Week was planned almost single-handedly by Dr. Beverly Kahn. It was her husband, Bob, who told you about the affirmative action project. These two programs are tremendously helpful to our campus, but the Kahns--even their contribution goes beyond that. Both of them are tenured associate professors here, and earlier this morning you approved faculty professional leaves for both of them for next year when they will be going to Italy. Beverly has received a prize for study in Italy next year and also has received a Fulbright grant for study there. So Bob and Bev and their two children will be going to Italy next year and we wish them well and we thank you for approving their leaves.

Also on the table in front of you is a white document with a light blue cover; it is a directory of the Citizen's Council members and the Alumni Advisory Board members for the regional campuses, and we invite you to take that with you. We will be making more introductions at noon--many of the Citizen's Council members are with us today and will be joining us for lunch. Again, we thank you very much for being here today. Come back any time, either as the Board of Trustees or as individuals who are dedicated to higher education; we welcome you at any time. Thank you very much for your support.

Dr. Jacob thanked each of the speakers and expressed the Board's pleasure at being on the Mansfield campus and receiving the special report on the affirmative action program.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-119

RESOLVED, That the report on the University's Investment Portfolio, dated March 16, 1984, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, May 4, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 11:00 a.m.

Attest:

Madison H. Scott  
Secretary

John D. Jacob, D.D.S.  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND ONE HUNDRED AND NINETY-NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 4, 1984

The Board of Trustees met at its regular monthly meeting on Friday, May 4, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, Shirley D. Bowser, and Hamilton J. Teaford.

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Minutes of the last meeting were approved.

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May 4, 1984 meeting, Board of Trustees

The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 10:40 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Leonard J. Immke, Shirley D. Bowser, and Hamilton J. Teaford.

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Dr. Jacob reconvened the meeting at 11:50 a.m.

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### ELECTION OF OFFICERS BOARD OF TRUSTEES

Resolution No. 84-120

Mr. Immke presented the following slate of officers:

WHEREAS pursuant to paragraph (B) of rule 3335-1-02 of the Administrative Code, the officers of the Board are to be elected at the May meeting to take office immediately following adjournment of the meeting (May 4, 1984) and shall hold their office through the May, 1985 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1984-85 be elected:

D. James Hilliker, Chairman

John F. Havens, Vice Chairman

Madison H. Scott, Secretary

James L. Nichols, Treasurer

Upon motion of Mrs. Bowser, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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Dr. Jacob called on Wilfred Nazareth, Chairman, Minority Affairs, Local 4501, Communications Workers of America to make a statement to the Board.

Mr. Nazareth made the following statement:

My name is Wilfred Nazareth. I am the Chairman of the Minority Affairs for CWA, Local 4501. I am here to present the plight of minorities. We are in the mid-1980's and discrimination is alive and thriving. Department heads don't seem to care for the goals of Dr. Jennings's affirmative action goals. I have been working on this project for over a year now. I have approached the De-

May 4, 1984 meeting, Board of Trustees

Mr. Nazareth (contd)

partment of Affirmative Action, vice presidents and directors, but I have received little or no results from them. So I decided to present the concerns of minorities to the Board and hope to achieve better results.

Let me elaborate on my findings. Don Scott Airport does not hire minorities even for jobs like aircraft attendants, as they feel blacks will hurt their business as it is one of the busiest airports in Ohio. After pointing out the lack of black employees at Don Scott, nothing has been done. The Physical Facilities Lock Shop has had problems in the past and is still continuing to have problems. They are not even going through the formalities of interviewing blacks for job openings. The machine shop supervisor swore that he would never hire a black. After my complaining to the associate from Business and Finance, the supervisor hired one black. The supervisor made a statement that the black was hired to fulfill the requirements. I have heard that the supervisor continues to hire his relatives, the latest on March 11, 1984. This man is so prejudiced that a black employee was refused the use of a microwave oven to heat his lunch.

In the Mechanical Shop a 17-year veteran black air conditioning/refrigeration technician was by-passed for a supervisory position and a plumber was appointed as superintendent of the air conditioning/refrigeration department. When I questioned the superintendent he said, "A supervisor is not supposed to know the job; all he has to do is give orders." This statement was made at a meeting in the presence of the Director of Personnel, the Director of Physical Facilities, the Administrative Director of Physical Facilities and other employees. The Mechanical Shop is plagued with racism. The minorities in the shop had to fight for their positions. None of them were awarded their jobs on merit. However, the superintendent did create higher job classifications for them. We have had blacks fired and even suspended while others are not even reprimanded. When blacks are suspended their names and cards were taken off the board, while--when a caucasian was suspended, nothing of that was done. Records of the Mechanical Shop speaks for itself.

Residence and Dining Halls refuse to open up their doors to blacks. There is a vacancy at Buckeye Village--the supervisor's job has been open for over a year now. Qualified minorities applied for the job; they were turned down. An ad was placed in the Sunday's Dispatch for a superintendent for Buckeye Village. The minorities objected and filed grievances. The Director of Personnel heard the grievances, but made no favorable decision regarding the job. Now Mr. Schwartz and Mr. Hall have decided to downgrade the position and that way the minority will have to take a pay cut to work at Buckeye Village. I had questioned Mr. Schwartz, Personnel Director of Residence and Dining Halls, regarding the job. He informed me that they had decided to reorganize. I am all for reorganizing the

May 4, 1984 meeting, Board of Trustees

Mr. Nazareth (contd)

Residence and Dining Halls. These gentlemen should be asked to put in their resignations as they are not an asset to the University. I must state they are a disgrace to OSU and the community.

In the past I contacted the associate from Business and Finance Department. He suggested that we work together to tackle the minority hiring problem, but he did not get any favorable response from other department heads. I am still willing to work with anyone to solve this problem. All I am asking from you, the Board members, and Dr. Jennings is for your support. I want to see more blacks and other minorities given the opportunity to work for OSU, not as custodians or housekeepers, but in the technical field. There are a lot of qualified minorities who can be an asset to OSU. There are too many opportunities at OSU. It is in the fairness of the process that concerns employees and myself. I feel that the University is a great place to work, but it can be a greater place to work. Not only can OSU be a leader in education and research, but also a leader in eliminating problems of discrimination.

I would now like to thank the Board for giving me this time. The material presented to the Board is just a molecule of happenings at OSU. The reason I decided to come before the Board and Dr. Jennings is because I felt the show of discrimination could be solved in the campus community without having to approach other government bodies, as I feel it is not OSU that is discriminating--it is individuals who are doing the damage. It is not Mr. John Doe or Mr. Jack Doe that will get a bad name, it is Ohio State University, a world renowned public education institution that will get a bad name which I strongly feel is not fair. Dr. Jennings has set the ground rules of Affirmative Action; all we have to do is make these people follow them. If they do not want to set aside their personal prejudices, I suggest they be relieved of their positions.

This morning when the department head found out that I was scheduled to address the Board and the subject that I was going to touch, he tried to intimidate me into not appearing before the Board by stating that I would not be paid for the time spent here. This again is an example of what takes place in instances concerning any individual who will speak out on what is right. So therefore I am asking that Mr. Madison Scott direct the department head, whose name is Mr. Richard Herb, to consider me in pay status for time spent here--unless it is an unwritten rule that a person who speaks to the Board on the subject does not get paid--then I will not expect pay. Thank you.

Dr. Jacob:

Thank you, Mr. Nazareth. Any questions, comments?

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May 4, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES,  
RULES OF THE UNIVERSITY FACULTY AND FACULTY  
APPOINTMENTS, PROMOTIONS AND TENURE

Resolution No. 84-121

Synopsis: Amendments to the Bylaws of the Board of Trustees (3335-1-04), Rules of the University Faculty (3335-5-03, 3335-5-04, 3335-5-19, and 3335-5-54) and Faculty Appointments, Promotions and Tenure (3335-47-11) are proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to the Bylaws of the Board of Trustees, Rules of the University Faculty and Faculty Appointments, Promotions and Tenure as approved by the University Senate; and

WHEREAS the proposed changes in the Bylaws of the Board of Trustees, Rules of the University Faculty and Faculty Appointments, Promotions and Tenure were approved by the University Senate on April 14, 1984, as follows:

BYLAW

3335-1-04 The faculty and staff.

(A) University faculty; membership.

- (1) As used in these bylaws and in the "Rules of the University Faculty," the term "faculty" shall include persons with regular, regular clinical, auxiliary, and emeritus faculty titles on full or part-time appointments with or without salary.

RULES

3335-5-03 Election of faculty and staff; tenure.

The board of trustees shall annually appoint the president and all employees of the university not in the classified civil service, subject to the laws of the state of Ohio, and in the case of regular faculty, to the rights and protection of tenure. Tenure is a commitment by the university and may be earned by all individuals with regular faculty status subject to a probationary period. Regular faculty status is defined in rule 3335-5-19 of the Administrative Code. The protections of tenure and academic freedom extend to all levels of faculty responsibility within the university in accord with rule 3335-5-01 of the Administrative Code and are not restricted to activities identified with specific instructional, research or public service programs. Tenure is lost by formal resignation, by retirement, by transfer to regular clinical faculty status, or may be terminated by reason of proved incompetence or grave misconduct in accordance with rule 3335-5-04 of the Administrative Code, for causes set forth in rule 3335-5-02 of the Administrative Code, or under the conditions of bona fide financial exigency, as specified in rule 3335-5-021 of the Administrative Code.

May 4, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES,  
RULES OF THE UNIVERSITY FACULTY AND FACULTY  
APPOINTMENTS, PROMOTIONS AND TENURE (contd)

3335-5-04 Hearing procedures for complaints against regular, regular clinical, and auxiliary faculty members.

(A) Definitions and construction.

- (1) This rule shall apply only to complaints against regular, regular clinical, and auxiliary faculty members.

3335-5-19 Faculty.

As used in these rules the term "faculty" shall include persons appointed by the board of trustees with regular, regular clinical, auxiliary, and emeritus faculty titles on full or part-time appointments, with or without salary.

- (A) "Regular faculty": persons with the titles of professor, associate professor, assistant professor, and instructor who serve on appointments totaling fifty per cent or more service to the university.
- (B) "Regular clinical faculty": persons with the titles of professor of clinical (department), associate professor of clinical (department), assistant professor of clinical (department), and instructor of clinical (department), who serve on appointments totaling fifty per cent or more service to the university. Regular clinical faculty appointments are made only in the following departments of the college of medicine: anesthesiology, family medicine, medicine, neurology, obstetrics and gynecology, ophthalmology, otolaryngology, pathology, pediatrics, physical medicine, preventive medicine, psychiatry, radiology, and surgery.

The number of persons holding regular clinical faculty titles in each department cannot be greater than one-third the number of persons holding regular faculty titles in that department. Individuals appointed to the regular clinical faculty are limited to governance participation at the departmental level, but may not participate in promotion and tenure matters of regular faculty.

- (C) "Auxiliary faculty": persons with adjunct titles, clinical titles, visiting titles, lecturers; also professors, associate professors, assistant professors, and instructors who serve on appointments totaling less than fifty per cent service to the university.
- (D) "Emeritus faculty": persons who have served the university continuously as regular or regular clinical faculty for at least ten consecutive years who, upon retirement, were recommended by the chairperson, the dean and the vice president for academic affairs and provost for emeritus status.

3335-5-54 Committee on academic misconduct.

- (A) The committee on academic misconduct shall consist of fifteen members of the university faculty, five representatives from the council of graduate students, five undergraduate students, and without vote, the dean

May 4, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES,  
RULES OF THE UNIVERSITY FACULTY AND FACULTY  
APPOINTMENTS, PROMOTIONS AND TENURE (contd)

of student life (or designee) ex officio. The committee membership shall also include a coordinator, appointed by the vice president for academic affairs and provost, and charged with assisting the committee in administrative matters. The coordinator shall not participate in the decisions of the committee. The fifteen members of the university faculty shall be elected by the senate at its special meeting in June for a term of three years beginning with the summer quarter, the election to be held annually so that five members will retire each year. No member of the university faculty shall serve more than two consecutive terms.

- (1) The graduate student members shall be appointed in the summer quarter by the president of the council of graduate students, with the approval of the council of graduate students for a term of one year beginning with the autumn quarter. The undergraduate student members shall be appointed in the spring quarter by the president of the undergraduate student government, with the approval of the undergraduate student assembly for a term of one year beginning with the summer quarter.
- (2) When an unexpired term becomes vacant, the vacancy shall be filled in the same manner in which the position was previously filled. A member selected to fill such a vacancy shall serve for the duration of the unexpired term.
- (3) The committee on academic misconduct is authorized to establish panels of persons from the committee on academic misconduct which will conduct hearings and make decisions with the same authority as the committee on academic misconduct.
- (4) The committee on academic misconduct is authorized to establish rules and procedures to conduct hearings, including the definition of a quorum.

FACULTY APPOINTMENTS, PROMOTIONS  
AND TENURE

3335-47-11 Regular clinical faculty ranks.

The titles of regular clinical faculty are professor of clinical (department), associate professor of clinical (department), assistant professor of clinical (department), and instructor of clinical (department). Individuals in this track may have a full range of responsibilities to appropriate academic units with emphasis on patient care and clinical teaching activities. Clinical activities for faculty members in this category are to be included in approved practice plans.

(A) Appointment criteria

Initial appointments, or transfer, to the regular clinical faculty will be made for individuals with the following experience or credentials:

May 4, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES,  
RULES OF THE UNIVERSITY FACULTY AND FACULTY  
APPOINTMENTS, PROMOTIONS AND TENURE (contd)

- (1) They are strict or geographic full-time faculty members in clinical departments in the college of medicine, as defined by the college of medicine.
- (2) They perform duties which consist primarily of patient care or clinical teaching.
- (3) They have the appropriate educational background and credentials to perform the duties outlined in (2).
- (4) They are essential to the continuing mission of the college of medicine as determined by the appropriate clinical department chairperson, dean of the college of medicine, and vice president for academic affairs and provost.

(B) Term of appointment

- (1) In the first term of appointment to the regular clinical faculty, appointees will be reviewed annually. During the fourth year, a formal review will be conducted. The faculty member will be informed if the appointment is to be renewed after the fifth year.
- (2) Subsequent appointments will be for periods of five years in lieu of tenure. A formal review will be conducted in the fourth year and the faculty member will be informed if the appointment is to be renewed after the fifth year for another five year term.
- (3) All appointments will be based upon criteria established by the clinical departments, approved by the dean of the college of medicine, and vice president for academic affairs and provost.
- (4) If the appointment is not renewed, standards of notice must be in accord with rule 3335-47-09 of the Administrative Code.

(C) Transfers

It is generally expected that the needs of the academic unit and the career goals of the prospective faculty member will result in meshing of need, expectation, responsibility, and expertise to allow a long-term appointment to either the regular faculty or regular clinical faculty. Should a transfer be deemed appropriate, the following must be accomplished:

- (1) The process of transfer from the regular faculty to the regular clinical faculty or from the regular clinical faculty to the regular faculty is initiated only upon the written request of the faculty member. A recommendation for transfer must indicate clear evidence of a change in the individual's career goals and expectations, duties, and activities.

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES,  
RULES OF THE UNIVERSITY FACULTY AND FACULTY  
APPOINTMENTS, PROMOTIONS AND TENURE (contd)

- (2) An individual appointed to a tenure-eligible position as an instructor or assistant professor may transfer to the regular clinical faculty at any time before the fourth year of service, or after tenure has been granted. Transfer of a tenured faculty member to the regular clinical faculty requires resignation of the tenured position.

An individual appointed to a tenure-eligible position as an associate professor, from outside the university, may transfer to the regular clinical faculty before the second year of service, or after tenure has been granted.

- (3) An individual appointed to the regular clinical faculty at the instructor, assistant professor, or associate professor level, upon transfer to a tenure-eligible position, must meet the criteria for the granting of tenure within the established time limits including that time already served in the regular clinical faculty appointment. Transfer at the professor level can be made only with concurrent granting of tenure.
- (4) All transfers must be approved by the department appointments, promotions and tenure committee, the department chairperson, the dean of the college of medicine, and the vice president for academic affairs and provost.
- (5) Only one transfer to or from the regular clinical faculty will be approved during an individual's period of employment at the Ohio state university.

(D) Promotions

Nominations for promotion originate in the department in accordance with criteria and procedures established by departmental faculty.

- (1) A department may recommend the promotion of an assistant professor of clinical (department) to the rank of associate professor of clinical (department) at any time up to the end of the ninth year. An individual who is not promoted by the end of nine years will be reviewed by the chairperson and the appointments, promotions and tenure committee of the department to determine if continued employment is warranted. All recommendations will be reviewed by the appointments, promotions and tenure committee of the department, the college of medicine, and the office of academic affairs.
- (2) A department may recommend the promotion of an associate professor of clinical (department) to professor of clinical (department) in recognition of outstanding accomplishments. Promotion may be recommended no earlier than the third year of service as an associate professor of clinical (department). All recommendations

May 4, 1984 meeting, Board of Trustees

AMENDMENTS TO THE BYLAWS OF THE BOARD OF TRUSTEES,  
RULES OF THE UNIVERSITY FACULTY AND FACULTY  
APPOINTMENTS, PROMOTIONS AND TENURE (contd)

will be reviewed by the appointments, promotions and tenure committee of the department, the college, and the office of academic affairs.

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to the Bylaws of the Board of Trustees, Rules of the University Faculty and Faculty Appointments, Promotions and Tenure be adopted as recommended by the University Senate.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**UNIVERSITY HOSPITALS BOARD APPOINTMENTS**

Resolution No. 84-122

Synopsis: Confirmation and approval of nominees to the University Hospitals Board is proposed.

WHEREAS the Board of Trustees on November 30, 1979, approved the establishment of a University Hospitals Board; and

WHEREAS the membership of the Hospitals Board was approved on April 4, 1980, and amended on April 1, 1983 and March 2, 1984; and

WHEREAS the terms of four of the members selected from the general public expired on April 30, 1984;

NOW THEREFORE

BE IT RESOLVED, That the following nominees be approved as general public members of the University Hospitals Board for a term of three years, effective May 1, 1984:

Robert M. Duncan  
Josephine S. Failer  
Morris S. Rosenblum, M.D.  
Wilbur W. Jones

Upon motion of Mr. Galbreath, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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May 4, 1984 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT

Resolution No. 84-123

Synopsis: Approval is being requested for awarding degrees and certificates for Spring Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit, in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees the names of persons who have completed degree and certificate requirements:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on June 8, 1984, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools, and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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CORRECTION

Resolution 84-75 awarding the honorary Doctor of Science degree to Arthur H. Robinson and approved by this Board on February 3, 1984, is amended as follows. The portion of the resolution which reads:

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of an honorary degree as listed below. . .

is amended to read [underlining indicates corrected language]:

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of an honorary degree as listed below:

Arthur H. Robinson

Doctor of Science

Upon motion of Mr. Immke, seconded by Mr. Galbreath, the Board of Trustees approved the foregoing correction by unanimous voice vote.

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May 4, 1984 meeting, Board of Trustees

## HONORARY DEGREE

Resolution No. 84-124

Synopsis: Approval is requested for awarding an honorary degree.

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of an honorary degree as listed below:

John Glenn

Doctor of Laws

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Teaford, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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## PERSONNEL ACTIONS

Resolution No. 84-125

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Change in Title, Reappointment of Principal Administrative Official, Appointment of Department Chairpersons, Reappointment of Department Chairperson, Medical Staff--Appointments, Leaves of Absence Without Salary, Professional Improvement Leave, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the April 6, 1984 meeting of the Board, including the following Change in Title, Reappointment of Principal Administrative Official, Appointment of Department Chairpersons, Reappointment of Department Chairperson, Medical Staff--Appointments, Leaves of Absence Without Salary, Professional Improvement Leave, and Emeritus Titles as detailed in the University budget, be approved.

Change in Title

Name:	Donald P. Anderson
Title:	Dean
College:	Education
Effective:	May 1, 1984
Salary:	\$67,320.00
Present Position:	Acting Dean, College of Education and Professor, Educational Policy and Leadership



May 4, 1984 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Reappointment of Principal Administrative Official

H. JUSTIN DAVIDSON, Dean of the College of Administrative Science, effective July 1, 1984 through June 30, 1989, pursuant to rule 3335-3-17 of the Administrative Code.

Appointment of Department Chairpersons

July 1, 1984 through June 30, 1985

Genetics

Russell V. Skavaril\*

August 1, 1984 through June 30, 1988

History of Art

Christine V. Bornstein

Reappointment of Department Chairperson

July 1, 1984 through June 30, 1988

Physics

S. Leslie Blatt

\*Acting Chairperson

Medical Staff--Appointments

Effective December 1, 1981

Charles Tweel, M.D.

Courtesy Staff in Family Medicine; Clinical Assistant Professor

Effective July 1, 1983

Sedigheh Keyhani-Rofagha, M.D.

Attending Staff in Pathology; Instructor

Effective January 1, 1984

Alice Hale, M.D.

Limited Staff in General Psychiatry; Clinical Instructor HS

William H. Roberts, M.D.

Attending Staff in Pathology; Assistant Professor

John R. Svirbely, M.D.

Limited Staff in Pathology; Clinical Instructor HS

Douglas W. Wallace, D.D.S.

Limited Staff in Oral and Maxillofacial Surgery; Clinical Instructor HS

May 4, 1984 meeting, Board of Trustees

## PERSONNEL ACTIONS (contd)

### Medical Staff Appointments (contd)

Effective February 15, 1984

Javier Beltran, M.D.

Attending Staff in Diagnostic Radiology; Assistant Professor

Effective March 1, 1984

Gregory A. Ornella, M.D.

Limited Staff in Family Medicine; Clinical Instructor HS

James M. Sudimack, M.D.

Limited Staff in Family Medicine; Clinical Instructor HS

### Leaves of Absence Without Salary

KAMRAN MAJIDZADEH, Professor, Department of Civil Engineering, effective April 1, 1984 through April 30, 1984, to accompany Governor Richard Celeste to Europe and attend several technical organizational conferences and meetings with him.

BRUCE R. PATTON, Associate Professor, Department of Physics, effective March 26, 1984 through April 22, 1984, for personal reasons.

PHILIP W. BALLINGER, Assistant Professor, School of Allied Medical Professions, effective July 1, 1984 through September 14, 1984, to complete manuscript.

### Professional Improvement Leave

RIAD A. AJAMI, Associate Professor, Academic Faculty of Management and Human Resources, effective Autumn Quarter 1984 and Winter Quarter 1985.

### Emeritus Titles

LEO F. SCHWERIN, The Ohio State University Research Foundation, with the title Associate Director Emeritus, effective May 1, 1984.

LEON W. BOUCHER, Department of Agricultural Education, with the title Professor Emeritus, effective May 1, 1984.

JOHN K. JUDY, Department of Animal Science, with the title Professor Emeritus, effective May 1, 1984.

BERNARD W. POLAND, III, School of Music, with the title Professor Emeritus, effective May 1, 1984.

H. WAYNE RAMSEY, School of Music, with the title Professor Emeritus, effective July 1, 1984.

May 4, 1984 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Emeritus Titles (contd)

ADA J. SEXTON, School of Music, with the title Professor Emeritus, effective July 1, 1984.

Upon motion of Mr. Galbreath, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### RESOLUTIONS IN MEMORIAM

Resolution No. 84-126

Synopsis: Resolutions honoring the service of two of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Howard F. Haines

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 22, 1983, of Howard Fenimore Haines, Assistant Professor Emeritus of the College of Optometry.

He was educated at The Ohio State University, receiving the B.S. degree in 1923 from the College of Business Administration. He received the B.S. degree in Optometry in 1932, and his M.S. degree in 1938, one of the first to be awarded in physiological optics. In 1983 he was among those sixty-year alumni who returned to the campus for the Alumni Day and Sunset Supper.

He served as an esteemed part-time member of the faculty of the then School of Optometry until his retirement in 1960. During his undergraduate years he was enrolled in R.O.T.C., receiving his commission in the U. S. Army Reserve at graduation. He then became associated with the Ohio National Guard, serving on active duty during both World War II and the Korean Conflict, rising to the rank of Brigadier General and deputy commander of the Ohio National Guard.

He and his wife, Sue, established the Howard Fenimore Haines, II, endowment in The Ohio State University Development Fund to help support research in optometry and visual science in memory of a son who died as a youth.

He helped to establish the Low Vision Clinic of the College of Optometry, which in 1976 was dedicated to him in honor of his national reputation in this optometric specialty. He was the author of various optometric articles dealing with low vision and optometric diagnosis.

May 4, 1984 meeting, Board of Trustees

#### RESOLUTIONS IN MEMORIAM (contd)

Howard F. Haines (contd)

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Roy E. Snyder

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 23, 1984, of Roy E. Snyder, Assistant Professor in the Department of Botany on the Lima Campus.

Roy E. Snyder was born on April 8, 1924, in Alderson, West Virginia. He received the B.S. degree in Forestry in 1950 and the M.S. degree in Botany in 1951 from West Virginia University. Prior to joining the faculty of The Ohio State University at Lima in 1966, he served on the faculty of Salem College and Bethany College in West Virginia, and at Ohio Northern University, Ada, Ohio.

Professor Snyder was one of the first faculty members appointed on the Lima Campus. He was instrumental in establishing the natural area on the Lima Campus, an area of approximately 150 acres in size which is maintained in its natural state. He also helped to establish six miles of trails within the natural area and a 90 acre arboretum area.

His dedication to teaching helped many students achieve their life goals. His service, loyalty, and leadership and his positive influence upon hundreds of students will long be remembered.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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#### REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-127

Synopsis: The reports on contracts, grants, and gifts and the summary for March, 1984 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

May 4, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station and The Ohio State University Development Fund during the month of March 1984, be approved.

Upon motion of Mr. Redman, seconded by Mr. Hilliker, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

SUMMARY FOR MARCH 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	82	\$4,152,553.00
Engineering Experiment Station	45	\$ 86,157.00
		\$4,238,710.00
The Ohio State University Development Fund		
Establishment of Named Funds		
The Kathryn I. Schoen Endowment Fund (Award - current women administrators or faculty women considering careers in university administration)		\$ 10,000.00
Howard E. Whiston Scholarship Fund (Scholarships - pharmacy students from Morrow County)		\$ 7,000.00
Robert L. Hocker Poultry Science Scholarship Fund (Scholarships - Department of Poultry Science)		\$ 5,512.53
Jorgen M. Birkeland Fund in Microbiology (Support - research findings by graduate students - Department of Microbiology)		\$ 5,500.00
William and Rose Papier Fund (Grant(s) for graduate research in Public Administration)		\$ 5,450.00

May 4, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MARCH 1984 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Rudolph Speiser Fund in Metallurgical Engineering (Support of the academic and research programs - Department of Metallurgical Engineering)	\$ 5,000.00
Ruth Weiner Mount Mortar Board Fund (Recognize an active member of The Ohio State University Chapter of Mortar Board)	\$ 5,000.00

Report from Presidents Club

Members to date	4,638
1983-84 members: fiscal year to date	85
1984 members: calendar year to date	21
New members - March 1984	5

New Presidents Club Members - March 1984

Starlene Blazer (Mrs. John R.)	Ann Nordholt Hunnicutt (Mrs. Thomas N.)
Wilbur C. Blount	William E. Krauss
	Dale W. Spiegelberg

May 4, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1984 through March 31, 1984

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Awards	Amount of Support
FEDERAL		
National Aeronautics and Space Administration	5	\$ 84,364.00
National Science Foundation	31	1,812,191.00
Department of Defense	15	2,208,730.00
Department of Energy	4	841,989.00
Department of Education	7	5,167,510.00
Department of Health and Human Services	49	4,050,398.00
Other Federal	14	863,255.00
TOTAL - FEDERAL	125	\$15,028,437.00
STATE OF OHIO	15	443,886.00
INDUSTRIAL	31	1,453,556.57
OTHER NON- FEDERAL	44	1,181,925.63
GRAND TOTAL	215	\$18,107,805.20

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Awards	Amount of Support
STATE	1	\$ 128,196.00
INDUSTRIAL AND OTHER	133	369,829.00
TOTAL	134	\$ 498,025.00

May 4, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

July through March  
1982/83 compared to 1983/84  
  
THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

CONTRIBUTIONS BY SOURCE

	Donors					
	July through 82-83	March 83-84	% Change	July through 82-83	Dollars March 83-84	% Change
Alumni	33,026	35,081	6	\$ 6,669,321	\$ 4,864,690	(27)
Non-Alumni	20,474	17,386	(15)	3,004,227	4,886,250	63
Corporations	1,263	1,342	6	3,294,687	3,912,983	19
Corporate Foundations	212	225	6	1,187,181	1,309,905	10
Private Foundations	104	110	6	621,999	880,670	42
Other	511	658	29	821,708	780,307	(5)
Total	55,590	54,802	(1)	\$15,599,123	\$16,634,806	7

TOTAL 1982-83  
(July-June)

70,632 \$20,124,676

CONTRIBUTIONS BY TYPE

	July-March 82-83	July-March 83-84	% Change
Designated	\$12,388,949	\$13,946,343	13
Undesignated	1,063,522	1,139,538	7
Gifts-In-Kind	2,146,652	1,548,925	(28)
Total	\$15,599,123	\$16,634,806	7
Gifts (# of)	72,779	68,177	(6)



May 4, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - March 1984

#### Federal Research Contracts/Grants

\$167,369.00 - Environmental Protection Agency, Washington, D. C., Environmental Carcinogen Perturbation of Differentiation and Induction of Carcinogenesis: Human Epithelial Cells, Department of Physiological Chemistry and Cancer Research Center (G. E. Milo), 28 February 1984 through 27 February 1985. (Project 763457 - Continuation)

\$140,097.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Immune Complex Mediated Glomerulopathies, Department of Medicine (L. A. Hebert), 1 April 1984 through 31 March 1985. (Project 761786 - Continuation)

\$128,084.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzagournis) and Department of Medicine (W. B. Malarkey), 1 December 1983 through 30 November 1984. (Project 761196 - Continuation)

\$122,503.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Characterization of Anticoagulant Heparin Determinants, Department of Chemistry (D. Horton), 1 April 1984 through 31 March 1985. (Project 764008 - New)

\$122,000.00 - National Science Foundation, Washington, D. C., Liquid and Solid Helium at Very Low Temperatures, Department of Physics (D. O. Edwards), 1 April 1984 through 31 March 1985. (Project 764034 - New)

\$121,188.00 - National Science Foundation, Washington, D. C., Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 September 1984 through 31 August 1985. (Project 764023 - Continuation)

\$120,937.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Acute Phase Reactants: Induction and Host Resistance, Department of Microbiology (R. F. Mortensen), 1 March 1984 through 28 February 1985. (Project 762354 - Continuation)

\$120,009.00 - National Science Foundation, Washington, D. C., Paleoclimatic Investigations on the Quelccaya Ice Cap, Peru, Institute of Polar Studies (L. G. Thompson), 28 February 1984 through 28 February 1985. (Project 763460 - Continuation)

May 4, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$113,896.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Unsaturated Fatty Acids, Prostaglandins and Diabetes, Department of Physiological Chemistry (H. W. Sprecher), 1 April 1984 through 31 March 1985. (Project 760745 - Continuation)

\$110,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Advanced Radar Cross Section Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 October 1983 through 30 September 1984. (Project 763740 - Continuation)

\$106,796.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Birky), 1 April 1984 through 31 March 1985. (Project 764400 - Continuation)

\$100,000.00 - National Science Foundation, Washington, D. C., Responses to Amputation of Superinnervated Forelimbs of Young Bullfrogs, Department of Zoology (R. A. Tassava), 1 March 1984 through 28 February 1986. (Project 764012 - New)

\$99,283.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Molecular Biology of Organellar Translocation, Department of Microbiology (B. R. Oakley), 1 April 1984 through 31 March 1985. (Project 763502 - Continuation)

\$90,177.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Importance of Reactive Oxygen Species in Cell Damage, Department of Medicine (A. L. Sagone, Jr.), 1 March 1984 through 28 February 1985. (Project 763467 - Continuation)

\$89,896.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Deoxyuridine Metabolism in Herpes Labialis, Department of Medical Microbiology and Immunology (M. V. Williams), 1 March 1984 through 28 February 1985. (Project 764006 - New)

\$89,000.00 - Department of the Air Force, Air Force Systems Command, Hanscom Air Force Base, Massachusetts, The Study of Gravity Field Estimation Procedures, Department of Geodetic Science and Surveying (R. H. Rapp), 1 October 1983 through 30 September 1984. (Project 762959 - Continuation)

May 4, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$81,582.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1984 through 31 March 1985. (Project 762083 - Continuation)

\$80,652.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Amino Acid Derived Natural Products, Department of Chemistry (D. J. Hart), 1 April 1984 through 31 March 1985. (Project 764000 - New)

\$80,564.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Factors that Modulate the Severity of Acute Renal Injury, Department of Medicine (R. A. Zager), 1 April 1984 through 31 March 1985. (Project 764027 - New)

\$70,255.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Immunity against Enteric Viral Infections, Food Animal Health Research Program - OARDC (L. J. Saif), 1 April 1984 through 31 March 1985. (Project 764044 - New)

\$63,166.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Stochastic Fourier Transform Ion Cyclotron Resonance Mass Spectrometry, Department of Chemistry (A. G. Marshall), 1 April 1984 through 31 March 1985. (Project 763504 - Continuation)

\$63,006.00 - National Science Foundation, Washington, D. C., A Study of the Influence of Sulfur Content and Ladle Refining Practices on the Susceptibility of Low Alloy Steels to Hydrogen Flaking, Department of Metallurgical Engineering (G. R. St. Pierre and S. S. Smialowska), 1 March 1984 through 28 February 1985. (Project 764029 - New)

\$60,000.00 - National Science Foundation, Washington, D. C., Resonance Phenomena in Electron-Molecule Collisions, Department of Chemistry (C. W. McCurdy), 1 March 1984 through 28 February 1985. (Project 763440 - Continuation)

\$58,950.00 - National Science Foundation, Washington, D. C., Geometry of Banach Spaces, Department of Mathematics (W. B. Johnson), 1 May 1984 through 30 April 1985. (Project 764039 - New)

\$58,600.00 - National Science Foundation, Washington, D. C., Multiple Hydrogen Bonding, Department of Chemistry (J. Hine), 1 March 1984 through 28 February 1985. (Project 762996 - Continuation)

May 4, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$55,000.00 - National Science Foundation, Washington, D. C., Mechanisms of Persistence and Regeneration in Plant Communities: Experimental Tests on the Effects of Seed Size, Department of Botany (K. L. Gross), 15 March 1984 through 28 February 1986. (Project 764018 - New)

\$54,375.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Pathogenesis of Oral Candidiasis in the Rat, College of Dentistry - Oral Pathology (C. M. Allen), 1 March 1984 through 28 February 1985. (Project 763997 - New)

\$52,700.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Technical Assistance to Mission: Guatemala - Rural Savings Mobilization and Credit, Department of Agricultural Economics and Rural Sociology (D. H. Graham), 15 November 1983 through 31 August 1984. (Project 763301 - Continuation)

\$52,000.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, D. C., Preparing Parent Volunteers for Increasing Handicapped Youth's Employability: A Training of Trainers, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1984 through 31 May 1985. (Project 763748 - Continuation)

\$48,633.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Cellular PD and Ion Activities in Renal Proximal Tubules, Department of Physiology (B. A. Biagi), 1 April 1984 through 31 March 1985. (Project 763050 - Continuation)

\$48,555.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Model to Study Intra and Extrathymic Influences in Aging, Department of Anatomy (K. H. Jones), 1 March 1984 through 28 February 1985. (Project 762998 - Continuation)

\$46,000.00 - National Science Foundation, Washington, D. C., Diffractive Spectroelectrochemistry, Department of Chemistry (R. L. McCreery), 1 April 1984 through 31 March 1985. (Project 763063 - Continuation)

\$42,000.00 - National Science Foundation, Washington, D. C., The Relationship between Resource Patterns and the Structure of Social Systems, Department of Zoology (J. F. Downhower), 15 March 1984 through 28 February 1985. (Project 763984 - New)

May 4, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$41,575.00 - National Science Foundation, Washington, D. C., Models of the Size and Location of Interacting Facilities, Department of Geography (M. E. O'Kelly), 1 March 1984 through 28 February 1986. (Project 764011 - New)

\$37,700.00 - National Science Foundation, Washington, D. C., Trans-Beringian Pollen Studies, Institute of Polar Studies (P. A. Colinvaux), 15 March 1984 through 28 February 1985. (Project 764005 - New)

\$35,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Analysis of Helicopter Rotor Airfoils, Department of Aeronautical and Astronautical Engineering (J. D. Lee and G. M. Gregorek), 1 March 1984 through 30 June 1984. (Project 764009 - New)

\$30,000.00 - Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Human Joint Articulation and Motion Resistive Properties, Department of Engineering Mechanics (A. E. Engin), 1 April 1984 through 30 September 1984. (Project 763802 - Continuation)

\$30,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, The Design and Analysis of Single Flank Transmission Error Tester for Loaded Gears, Department of Mechanical Engineering (D. R. Houser), 1 April 1984 through 31 March 1985. (Project 764038 - New)

\$24,600.00 - National Science Foundation, Washington, D. C., Probability and Ergodic Theory, Department of Mathematics (L. Sucheston), 1 March 1984 through 30 June 1985. (Project 763618 - Continuation)

\$14,750.00 - National Science Foundation, Washington, D. C., Elliptic Systems and Hecke Operators on Locally Symmetric Spaces, Department of Mathematics (H. Moscovici), 1 March 1984 through 30 June 1985. (Project 763636 - Continuation)

\$13,630.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Effect of O<sub>2</sub> on Sodium Valproate Induced Craniofacial Defects, College of Dentistry - Oral Biology (R. B. Paulson), 1 March 1984 through 28 February 1985. (Project 763999 - New)

\$10,064.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Adaptive Arrays for Satellite Communication, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 13 March 1984 through 12 June 1984. (Project 764040 - New)

May 4, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$7,000.00 - National Endowment for the Arts, Washington, D. C., Film/Photography/Video Art Exhibition, Department of Photography and Cinema (J. R. Green), 1 January 1984 through 31 December 1984. (Project 764028 - Continuation)

\$6,472.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Corneal Environment, College of Optometry (R. M. Hill), 1 April 1984 through 31 March 1985. (Project 761080 - Continuation)

\$3,075.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, New Car Assessment Test Procedure Analysis--Dummy Neck, Department of Statistics (P. K. Goel), 1 February 1984 through 30 April 1984. (Project 764016 - New)

\$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Biological Sciences, Office of Minority Affairs (J. Cruz), 1 March 1984 through 28 February 1985. (Project 762731 - Continuation)

\$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Medicine, Office of Minority Affairs (J. Cruz), 1 March 1984 through 28 February 1985. (Project 762728 - Continuation)

\$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Pharmacy, Office of Minority Affairs (J. Cruz), 1 March 1984 through 28 February 1985. (Project 762730 - Continuation)

\$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Minority High School Student Research Apprenticeship Program/Veterinary Medicine, Office of Minority Affairs (J. Cruz), 1 March 1984 through 28 February 1985. (Project 762729 - Continuation)

\$2,500.00 - National Science Foundation, Washington, D. C., Conference on Skeletal, Cardiac, and Smooth Muscle Energetics June 4-9, 1984, University of Vermont, Burlington, Vermont, Department of Physiology (J. A. Rall), 1 March 1984 through 31 August 1984. (Project 764013 - New)

May 4, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$1,740.00 - National Science Foundation, Washington, D. C., Orthogonal Polynomials and Interpolation, Department of Mathematics (P. Nevai), 19 March 1984 through 31 May 1985. (Project 763583 - Continuation)

\$983.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Acute Phase Reactants: Induction and Host Resistance, Department of Microbiology (R. F. Mortensen), 1 July 1982 through 29 February 1984. (Project 762354 - Continuation)

TOTAL - FEDERAL AWARDS \$3,128,353.00

State of Ohio Research Contracts/Grants

\$226,571.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Litter Control and Recycling Education Program, Cooperative Extension State Operations (J. D. Rohrer), 1 January 1984 through 31 December 1984. (Project 763404 - Continuation)

\$102,984.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero) and Department of Obstetrics and Gynecology (F. P. Zuspan), 1 October 1983 through 30 September 1984. (Project 764100 - Continuation)

\$4,340.00 - State of Ohio, Ohio Arts Council/Ohio Humanities Council Joint Program, Columbus, Ohio, Hornpipe and Fugue--A Survey of America's Rural Music Heritage, Cooperative Extension State Operations (N. R. McCormick), 1 January 1984 through 31 August 1984. (Project 764035 - New)

\$3,500.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Minority Arts Program, Office of Minority Affairs (J. Cruz and F. W. Hale), 1 September 1983 through 30 June 1984. (Project 764030 - New)

\$1,450.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, OSU-Mansfield Arts and Lecture Committee, Newark Campus and Department of Educational Theory and Practice (A. E. Dittmer), 1 October 1983 through 27 February 1984. (Project 764037 - New)

TOTAL - STATE OF OHIO AWARDS \$ 338,845.00

May 4, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants

\$120,204.00 - Sandia Corporation, Albuquerque, New Mexico, Compact Scattering Range Performance Studies, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 27 February 1984 through 31 May 1985. (Project 764003 - New)

\$43,500.00 - Norwich Eaton Pharmaceuticals, Inc., Norwich, New York, A Single Dose Double-Blind Comparison of the Analgesic Efficacy of Orpanoxin, Aspirin, and Placebo in Patients with Pain Following Dental Extraction, College of Dentistry - Oral Surgery (J. M. Weaver) and College of Dentistry - Oral Pathology (F. M. Beck), 15 December 1983 through 14 December 1984. (Project 764010 - New)

\$40,000.00 - Adria Laboratories, Inc., Columbus, Ohio, Synthetic Studies in Anthracycline Synthesis, Department of Chemistry (J. S. Swenton), 1 April 1984 through 31 March 1985. (Project 764025 - New)

\$37,610.00 - Health Research, Inc., Buffalo, New York, The Effect of Cocarcinogens on Cellular Membranes, Cancer Research Center (L. D. Tomei), 1 December 1983 through 30 November 1984. (Project 763408 - Continuation)

\$30,000.00 - Brunswick Corporation, Marion, Virginia, Metallic Radome Design and Test, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 16 February 1984 through 31 March 1984. (Project 763594 - Continuation)

\$29,023.00 - Eltech Systems, Fairport Harbor, Ohio, The Electrochemistry of the Aluminum Anode, Department of Metallurgical Engineering (D. D. Macdonald), 15 January 1984 through 15 May 1984. (Project 764032 - New)

\$25,000.00 - Adria Laboratories, Inc., Columbus, Ohio, To Pool Activities Related to Research in the Clinical Pharmacology of Various Pharmaceuticals, Department of Pharmacology (N. Gerber), 1 February 1984 through 30 June 1984. (Project 764001 - New)

\$18,338.00 - Miles Pharmaceuticals, West Haven, Connecticut, Prospective, Open, Non-Comparative Study of Ciprofloxacin in the Treatment of Patients with Selected Tissue Infections, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 February 1984 through 31 January 1985. (Project 763852 - Continuation)

\$18,156.00 - Beecham Laboratories, Bristol, Tennessee, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 May 1982 through 30 June 1985. (Project 763181 - Continuation)



May 4, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Industrial Research Contracts/Grants (contd)

\$14,200.00 - Central Soya Company, Inc., Decatur, Indiana, Dietary Protein for Cows, Department of Dairy Science - OARDC (H. R. Conrad), 1 February 1984 through 31 January 1985. (Project 764007 - New)

\$8,120.00 - The Procter and Gamble Company, Cincinnati, Ohio, Morphologic Investigation of Bismuth Neurotoxicity, Department of Neurology (J. R. Mendell and Z. Sahenk), 1 January 1984 through 31 December 1984. (Project 762821 - Continuation)

\$2,850.00 - Kemin Industries, Inc., Des Moines, Iowa, A Comparison of the Effectiveness of Ethoxquin and Endox for Sparing Vitamin E in Chick Diets, Department of Poultry Science (J. D. Latshaw), 1 October 1984 through 14 May 1984. (Project 763821 - Continuation)

\$500.00 - Hoffman-LaRoche, Inc., Nutley, New Jersey, Conference: Skeletal, Heart, and Smooth Muscle Energetics, Department of Physiology (J. A. Rall), 1 April 1984 through 31 March 1985. (Project 764014 - New)

\$144.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1984 through 31 December 1984. (Project 763026 - Continuation)

\$72.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 March 1984 through 31 December 1984. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS \$ 387,717.00

#### Other Non-Federal Research Contracts/Grants

\$132,190.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Interprofessional Development of Clinical and Continuing Education by the Commission on Interprofessional Education and Practice, Department of Educational Policies and Leadership (L. Cunningham), 15 February 1984 through 30 September 1984. (Project 762825 - Continuation)

\$95,694.00 - Gas Research Institute, Chicago, Illinois, Construction of Plasmids Capable of Replication in Methanogens and in Escherichia coli, Department of Microbiology (J. N. Reeve), 1 April 1984 through 31 March 1986. (Project 764002 - New)

May 4, 1984 meeting, Board of Trustees

**REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)**

**THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)**

**Other Non-Federal Research Contracts/Grants (contd)**

\$26,442.00 - Iowa State University, Ames, Iowa, Ultrasonic Non-destructive Evaluation of Aluminum Cast Materials, Department of Welding Engineering (L. Adler), 1 April 1984 through 30 September 1984. (Project 763930 - Continuation)

\$25,443.00 - American Otological Society, Inc., New York, N. Y., Otosclerosis: Histochemical, Ultrastructural and X-ray Microanalysis, Department of Otolaryngology (D. J. Lim and T. F. DeMaria), 1 July 1984 through 30 June 1985. (Project 764042 - Continuation)

\$8,438.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (M. J. Guralnick), 31 January 1984 through 31 December 1984. (Project 763174 - Continuation)

\$6,000.00 - Ohio Animal Health Foundation, Columbus, Ohio, Effects of Pet Interaction on Selected Health Parameters of an Aged Nursing Home Population, Department of Veterinary Preventive Medicine (C. A. Neer), 1 April 1984 through 31 December 1984. (Project 764031 - New)

\$1,681.00 - Cancer Therapy and Research Center, San Antonio, Texas, Gynecologic Cancer Pathology Subcommittee, Department of Pathology (R. V. O'Toole), 30 September 1983 through 31 August 1984. (Project 764004 - New)

\$1,000.00 - Thomas M. Butler, Philadelphia, Pennsylvania, Conference on Skeletal, Cardiac and Smooth Muscle Energetics, Department of Physiology (J. A. Rall), 1 April 1984 through 31 March 1985. (Project 764024 - New)

\$750.00 - Greater Columbus Arts Council, Columbus, Ohio, New Music: OSU Hosts Nineteenth Annual American Society of University Composers Festival-Conference, School of Music (G. M. Proctor and T. Wells), 1 March 1984 through 30 June 1984. (Project 764015 - New)

\$0 - The Apple Education Foundation, Cupertino, California, Writing Across the Content Areas, Department of Educational Theory and Practice (M. Languis, V. M. Rentel and E. L. Klein), 1 April 1984 through 30 June 1986. (Project 764043 - New)

**TOTAL - OTHER NON-FEDERAL AWARDS**

**\$ 297,638.00**

May 4, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### ENGINEERING EXPERIMENT STATION

#### Industrial and Other Sponsored Research and Development

\$57,418.00 - from 37 sponsors for 44 development projects under the direction of four engineering departments and test areas.

\$28,739.00 - General Electric AEBG, Evendale, Ohio, "Interface Characteristics of SIC-Fiber Re-Inforced Composites," Department of Ceramic Engineering, 15 February 1984 through 31 December 1984. (529651)

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH      \$    86,157.00

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Establishment of Named Funds

##### The Kathryn T. Schoen Endowment Fund

The Kathryn T. Schoen Endowment Fund was established May 4, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University through The Ohio State University Development Fund from friends and colleagues of Kathryn T. Schoen, Ph.D., Education, 1965, former Vice President for Educational Services and Acting Dean of the College of Nursing.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more awards in amounts of \$1,000 or more for current women administrators or faculty women considering careers in university administration at The Ohio State University in order to provide leadership opportunities and career enhancement. The award may be used to underwrite research, to fund internships, educational programs, travel or similar experiences which further the recipient's opportunities for professional growth and leadership.

Following consideration of the proposals submitted, the award recipient(s) will be selected by a committee consisting of The Ohio State University Provost, the Vice President for Business and Finance, a ranking woman administrator at The Ohio State University as determined by The Ohio State University Office of the President, and Kathryn T. Schoen or her designee. Responsibility for publicizing and encouraging the submission of proposals by women interested in this award shall be the responsibility of the Office of Academic Affairs.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used in instances where the goals and objectives are in consonance with the described goals of this endowment. Such action is subject to the concurrence of the Office of Academic Affairs following its consultation with Kathryn T. Schoen or her designee(s).

May 4, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Howard E. Whiston Scholarship Fund

The Howard E. Whiston Scholarship Fund was established May 4, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Howard E. Whiston, B.S. '55, Mt. Gilead, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income of the fund is to be used to provide one or more scholarships to deserving pharmacy students who exhibit financial need and are in good academic standing. Preference should be given to students from Morrow County who are interested in pursuing a career in community pharmacy practice. The recipients should be selected by the Awards, Financial Aids, and Honors Committee of the College of Pharmacy.

Should the need for this income cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean or appropriate administrative official from the College of Pharmacy.

##### Robert L. Hocker Poultry Science Scholarship Fund

The Robert L. Hocker Poultry Science Scholarship Fund was established May 4, 1984, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from members of the Ohio Poultry Association, colleagues, family and friends in honor of Robert Hocker's seventeen years of service to the poultry industry as Executive Secretary of the Ohio Poultry Association.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Income from this endowment shall provide scholarships or awards for undergraduate or graduate students in the Department of Poultry Science. Selection procedures and criteria shall be determined by the Department Chairperson in consultation with the Assistant Dean for Student Affairs in the College of Agriculture, and the Student Financial Aids Office, and the Executive Secretary of the Ohio Poultry Association.

Should the need for these funds cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations of the Dean of the College of Agriculture.

May 4, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Jorgen M. Birkeland Fund in Microbiology

The Jorgen M. Birkeland Fund in Microbiology was established May 4, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, faculty and friends of the Department of Microbiology and the College of Biological Sciences.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used in support of the presentation of research findings by microbiology graduate students in the Department of Microbiology in the College of Biological Sciences at appropriate scientific meetings. The Chairman of the Department of Microbiology is authorized to utilize a portion or all of the available interest of the endowment and will have sole authority to authorize expenditures from the Fund, as approved by the Dean of the College of Biological Sciences.

Should the need for this Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Microbiology teaching, research, and service.

##### William and Rose Papier Fund

The William and Rose Papier Fund was established May 4, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from William Bernard (M.A. '33) and Rose Locum (M.A. '42) Papier and their friends.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Three-fourths of the annual income of the endowed fund is to provide a grant(s) for graduate research in Public Administration for a graduate student(s) enrolled in the School of Public Administration of The Ohio State University. Selection of the recipient of the grant(s) shall be made by the Director of the School of Public Administration, based solely on merit.

The remaining one-fourth of the annual earnings shall be returned to the principal of the endowed fund. Should the grant not be awarded, it shall be accumulated and awarded in subsequent years.

May 4, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### William and Rose Papier Fund (contd)

Should the need for these funds cease to exist, or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for public administration studies.

##### Rudolph Speiser Fund in Metallurgical Engineering

The Rudolph Speiser Fund in Metallurgical Engineering was established May 4, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, friends, and colleagues of Rudolph Speiser, M.A. '40, Estes Park, Colorado.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used in support of the academic and research programs of the Department of Metallurgical Engineering. The Chairman of the Department of Metallurgical Engineering will have authority to authorize expenditures from the Fund as approved by the Dean of the College of Engineering.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Metallurgical Engineering education.

##### Ruth Weimer Mount Mortar Board Fund

The Ruth Weimer Mount Mortar Board Fund was established May 4, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from John T. Mount, B.S., 1941, and family to honor Ruth Weimer Mount for her exemplary leadership to the student personnel profession as well as her dedicated service as Assistant and Associate Dean of Women and Dean of Students at The Ohio State University; as President of the National Mortar Board Honor Society, the National Association of College Honor Societies, and the National Association of Women Deans, Administrators and Counselors; and as a community volunteer.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

May 4, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Ruth Weimer Mount Mortar Board Fund (contd)

The annual income shall be used to recognize, through a cash award, the active member of The Ohio State University Chapter of Mortar Board who most nearly exemplifies the Mortar Board ideals of scholarship, leadership and service and to support special Mortar Board activities as recommended by The Ohio State University chapter advisors. The funds shall be administered by the principal administrative officer of the Office of Student Affairs.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations made by the Office of Student Affairs.

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## REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 84-128

Synopsis: Contracts have been awarded for the project listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following project:

### STUDENT SERVICES BUILDING RENOVATIONS

Description: This renovation project will upgrade specific areas of the building shell to save it from complete deterioration including making necessary repairs to the roof, masonry and foundation walls as well as the replacement of the original wood windows which were installed circa 1910. The estimated completion date for this project is February, 1985.

#### General Contract

Date Received:	March 21, 1984
No. of Bids:	3
Low Bid:	\$459,308.00*

\*Recommended alternates reflected in these figures.

May 4, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

STUDENT SERVICES BUILDING RENOVATIONS (contd)

General Contract (contd)

High Bid:	\$553,700.00*
Estimate of Cost:	\$651,920.00*
Awarded to:	Concepts Enterprise, Inc., Columbus, Ohio
Total All Contracts:	\$459,308.00*
Total Contingency Allowance:	\$ 23,246.15 (which is 5 per cent of construction costs)
Total Project Cost:	\$558,800.00*
Funding:	Am. Sub. H.B. 552, U & R

\*Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the project listed above are hereby approved.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT  
MARION COUNTY COMMISSIONERS

Resolution No. 84-129

Synopsis: Renewal of a storm sewer easement on the Marion Campus is proposed.

WHEREAS in 1966 the University granted to the Marion County Commissioners an easement consisting of a strip of land 1,347 feet in length and 20 feet in width for the purpose of installing and maintaining a 30-inch storm sewer; and

WHEREAS this easement has expired and a renewal is necessary for the continued maintenance of the storm sewer; and

WHEREAS the grant of this easement is conditioned upon payment to the University of the standard rate charged by the State of Ohio for easements of such a nature; and



May 4, 1984 meeting, Board of Trustees

EASEMENT  
MARION COUNTY COMMISSIONERS (contd)

WHEREAS the appropriate University offices have recommended a 15-year renewal of the easement upon the same terms and conditions as the original grant:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Redman, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT  
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY  
Resolution No. 84-130

Synopsis: An underground electric service easement to Columbus and Southern Ohio Electric Company is proposed.

WHEREAS the Columbus and Southern Ohio Electric Company has requested an easement consisting of a strip of land 10 feet in width and 1,673.7 feet in length to permit the installation and service of an underground electric conduit at the University Golf Course, 3761 Kenny Road, to service the golf course irrigation system and maintenance buildings; and

WHEREAS the electric service serves only University facilities; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easement.

Upon motion of Mr. Immke, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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May 4, 1984 meeting, Board of Trustees

EASEMENT  
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY

Resolution No. 84-131

Synopsis: Renewal of an underground electric conduit easement for Columbus and Southern Ohio Electric Company is proposed.

WHEREAS in 1969 the University granted a fifteen-year easement to the Columbus and Southern Ohio Electric Company consisting of two strips of land, one being 25 feet in width and 2,000 feet in length and the second being 10 feet in width and 455 feet in length, for the purpose of installing and maintaining underground conduits servicing buildings on the main campus of the University; and

WHEREAS this easement expired on March 26, 1984, and the Columbus and Southern Ohio Electric Company has requested a renewal of the easement for a period of 15 years; and

WHEREAS the underground conduit serves only University facilities; and

WHEREAS the appropriate University offices have recommended that the renewal of this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT  
CITY OF COLUMBUS

Resolution No. 84-132

Synopsis: Renewal of a storm relief sewer on the Columbus campus is proposed.

WHEREAS in 1966 the University granted to the City of Columbus an easement consisting of a strip of land approximately 20 feet wide and 1,785 feet in length, located approximately along Woody Hayes Drive from Ives Hall to the Olentangy River, for the purpose of installing and maintaining a storm relief sewer; and

WHEREAS this easement has expired and a 15-year renewal of this easement for under the same terms and conditions as the original easement is in the best interest of the University; and

May 4, 1984 meeting, Board of Trustees

EASEMENT  
CITY OF COLUMBUS (contd)

WHEREAS the storm relief sewer for which this easement is requested will serve University property; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easement.

Upon motion of Mr. Galbreath, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EASEMENT  
CITY OF COLUMBUS

Resolution No. 84-133

Synopsis: Renewal of a storm relief sewer on the Columbus campus is proposed.

WHEREAS in 1962 the University granted to the City of Columbus an easement consisting of a strip of land approximately 20 feet wide and 1,825 feet in length, running approximately from the intersection of Kinnear and North Star Roads to Wiseman Hall, for the purpose of installing and maintaining a storm relief sewer; and

WHEREAS this easement has expired and a 15-year renewal of this easement for under the same terms and conditions as the original easement is in the best interest of the University; and

WHEREAS the storm relief sewer for which this easement is requested will serve University property; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easement.

May 4, 1984 meeting, Board of Trustees

EASEMENT  
CITY OF COLUMBUS (contd)

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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DENTAL CARE GROUP INSURANCE PROGRAM

Resolution No. 84-134

Synopsis: Dental insurance contract is recommended for award.

WHEREAS the Board of Trustees on April 1, 1983 designated Ohio Medical Indemnity Mutual Corporation as the provider of the faculty/staff dental insurance program contingent upon resolution of issues relating to the implementation of a dual choice plan; and

WHEREAS the proposed dual-choice plan, upon further review and evaluation, was determined to be inconsistent with the overall best interests of the University; and

WHEREAS a University dental plan committee composed of practitioners and faculty/staff members of the University was appointed to conduct an extensive evaluation and review of the University's dental program needs; and

WHEREAS this committee has completed its study and submitted its findings and conclusions to the University, and on the basis of this report bid specifications were developed for dental coverage as outlined in the committee study; and

WHEREAS quotations were requested from 14 insurance firms and responses were received from 7 providers; and

WHEREAS the appropriate University offices have made a comparative analysis of the program elements, the rate quotations and the provider delivery capabilities, and based on this review a recommendation for the award of contract has been formulated:

NOW THEREFORE

BE IT RESOLVED, That contingent upon the implementation of a Preferred Provider Organization network, Ohio Medical Indemnity Mutual Corporation be designated as the carrier for the group dental insurance program at a monthly premium of \$9.08 per faculty/staff member, or an estimated annual premium of \$1,400,676. Coverage will be available for dependents on an optional basis at a monthly premium of \$9.08 for one dependent and \$21.91 for two or more dependents. Fifty percent of the premium for dependent coverage will be paid by the University (estimated annual cost, \$664,470); the balance will be paid by the participating faculty/staff members via payroll deduction. Total estimated annual cost for the dental program is \$2,729,616; and

May 4, 1984 meeting, Board of Trustees

#### DENTAL CARE GROUP INSURANCE PROGRAM (contd)

BE IT FURTHER RESOLVED, That the contract for coverage be awarded for a 24 month period effective July 1, 1984 with the understanding that this contract is subject to renegotiation if the issues relating to a Preferred Provider Organization cannot be satisfactorily resolved on or before December 31, 1984. As part of the review process the Office of Personnel Services shall consult with the Dental Committee regarding these issues.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution with seven affirmative votes cast by Messrs. Hilliker, Havens, Galbreath, Redman, Immke and Teaford and Mrs. Bowser, and an abstention by Dr. Jacob.

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#### PRESIDENT'S REPORT ON BUDGET PLANS AND STRATEGIES FOR 1984-85

During the meeting of the Fiscal Affairs Committee of the Board of Trustees, President Jennings presented the following budget plans and strategies for 1984-85. The President's statement was followed by the questions and comments which are also included below. The guidelines were subsequently approved by vote during the regular meeting of the full Board.

President Jennings:

Mr. Chairman, I am pleased to bring before the Board today, budget guidelines for the 1984-85 fiscal year that represent a return to normalcy within the institution. The State of Ohio has, in the last year, achieved budgetary stability, which has enabled the University to make realistic plans for the future reflecting this stable base of support. As all of you know, even our planning timetable returns to the University's regular cycle with this May recommendation of guidelines.

Our budget remains very tight, however. Fiscal 1984-85 marks the second year of a biennium in which Ohio State is only beginning to recover from the devastating effects of four budget cuts in the preceding three years. Our priorities during that time have been to achieve stability; maintain quality; and even make some progress in that regard; and to guard the vital concept of accessibility by holding down tuition and fee increases for our students.

The manner in which the deans, the faculty, staff, and student body have supported these goals in responding to our budget problems has brought us to the point where I am now able to recommend guidelines that begin to move us forward. For that, I want to express our thanks to all those who have been involved in guiding the University through an extremely difficult period.

Nevertheless, I do want to emphasize that our state appropriation is still \$12 million short, in inflation-adjusted dollars, compared to the state appropriation for 1979-80. We need to remind ourselves that Ohio's new tax base, created in the spring of 1983, replaced only

May 4, 1984 meeting, Board of Trustees

## PRESIDENT'S REPORT ON BUDGET PLANS AND STRATEGIES FOR 1984-85 (contd)

President Jennings (contd)

\$250 million of a \$500 million state budget deficit. With the state funding provided for 1983-84 being at the same level as that appropriated the previous year, prior to the budget cuts, the \$13 million in additional state funds for the next fiscal year represents an effective increase of only 3 percent a year for the entire biennium.

These guidelines for 1984-85 reflect our continued adherence to the five-year compensation plan developed three years ago by the University Senate's Faculty Compensation and Benefits Committee; and to the priority recommendations of the Fiscal Advisory Committee, which emphasized the importance of enhancing academic quality even as we continue to work toward improving accessibility.

Pursuing excellence within the institution means providing special funding for targeted areas; continuing our attention to maintaining competitive salaries; and making progress on the reduction of our enormous equipment and library needs backlog. Comprehensive quality also, of course, requires adequate funding to the operating budgets of individual colleges.

Just as important to our students as the quality found in the University's faculty and academic resources, is the cost of their education. Even under retrenchment, we have been able to hold Ohio State's tuition and fees to levels well below the Board of Regents' statewide guidelines. We remain committed, within available resources, to continue our efforts to make progress in overcoming Ohio State's unfortunate status as one of the highest cost institutions among our sister universities in the Big Ten.

It is in this context that I bring to the Board these budget guidelines for 1984-85. In keeping with a return to normal budget cycles throughout the institution, it is my intention to recommend to this Board at its June 7 meeting the final budget for 1984-85. However, barring very unusual circumstances, the guidelines I am outlining today reflect what those recommendations will be.

Specifically, I am recommending a salary increase of 3 percent for our faculty and staff and providing 4 percent in salary funds for merit increases. Additionally, as in the past, central dollars will be provided for market adjustments and promotions. Our salary budgets also provide for Civil Service employees the average 7 percent pay raise recently mandated by the Ohio General Assembly.

In keeping with the recommendations in the five-year plan of the Faculty Compensation and Benefits Committee of University Senate, Ohio State has been striving to improve its salary ranking relative to the Big Ten. We have succeeded in moving into first and second

May 4, 1984 meeting, Board of Trustees

## PRESIDENT'S REPORT ON BUDGET PLANS AND STRATEGIES FOR 1984-85 (contd)

President Jennings (contd)

place in the different faculty ranks. This year's increase represents not only attention to inflation, but also our commitment to maintaining our rank.

This salary recommendation also is closely in line with the 7.9 percent increase recommended by the members of the University Senate Fiscal Committee. However, I should point out that the Faculty Compensation and Benefits Committee has been involved in a study which suggests that the Big Ten, our traditional benchmark, has been losing ground in its relative salary ranking with all colleges and universities. This committee's higher recommendation of 9.5 percent salary increases reflected a new, nationwide comparative grouping.

While the salary guidelines I am recommending today continue to follow the five-year plan adopted in 1981, I believe the Faculty Compensation and Benefits Committee has raised an important issue that merits our serious attention. We need to ascertain the appropriateness of continuing to use the Big Ten as our only salary comparison group. We do indeed compete in the national arena. Therefore, I have asked the Compensation and Benefits Committee to continue to refine its study, and provide a more detailed report on the possibility of adopting a new comparative base for future years.

Our continued progress on building comprehensive quality demands that our salary levels enable us to retain and attract the very best faculty and staff. Correspondingly, our academic programs and support services must be returned to adequate funding levels. For the colleges' and offices' operating and equipment budgets, I am recommending 6 percent increases for 1984-85. This amount provides new funding rather than limited recovery from earlier budget cuts. That pattern of the past few years is behind us, and our deans will now be able to make decisions from a clearly defined budget base.

As we strive to provide the funding necessary for the multitude of programs which make this a comprehensive University, we also must continue to recognize that resources are indeed limited. We are all faced with the challenge of continually evaluating programs, and searching for more cost-effective methods of performing needed services. While working to enhance our ability to attract external resources, we also must demonstrate as an institution that the most effective use is being made of our existing resources.

To strengthen our continuing efforts in reallocating resources internally to meet changing needs and support demonstrated excellence, I am also asking the deans and vice presidents to implement plans for operating their units at 97 percent of their 1984-85 base budgets by July 1, 1985.

May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND  
STRATEGIES FOR 1984-85 (contd)

President Jennings (contd)

Implementing further efficiencies, improving cost containment and continuing the reductions in programs and services which are no longer needed or central to the University's mission will be the basis for generating this 3 percent reallocation. The funds resulting from these actions will be used to assist in extending our emphasis on academic excellence, as well as supporting new program and service initiatives.

As we discuss new initiatives to build excellence, I want to digress for a moment to a related item. Through the Office of Research and Graduate Studies, the University has this year provided \$1.4 million in seed monies to assist faculty in initiating new research and scholarship efforts; that has been done in almost every college in the institution. Those funds have been awarded to more than 130 faculty members who successfully competed for support. That program will be recommended for continuation in the coming fiscal year.

The final funding item covered in these guidelines also relates to research--that is, funding for equipment and libraries. We have made noticeable strides in the past three years on budgets for maintenance and replacement of out-dated and obsolete equipment. That will continue, with a \$5 million special allocation that I am recommending yet this fiscal year.

Next, we turn to guidelines on University-wide fees. Overall, the average for all fee and rate increases throughout the institution will be held to 6 percent. While this amount is above the current inflation rate of 4 percent, it reflects the fact that this biennium's state appropriations still left us with a total budget that was far too low.

In addition, Ohio State has maintained its tuition charges at levels below those used in the Board of Regents state funding models, by not increasing student fees at the rates suggested during the past years of budget shortfalls. Even with the 1984-85 increase, we will continue to be at tuition levels substantially below those projected by the Regents.

On tuition and fees, I am recommending a 5.5 percent increase at the undergraduate level and a 7.5 percent increase for graduate and professional students. In keeping with the concept that availability of financial aid is just as important to accessibility as tuition rates, I am also recommending a concurrent allocation to the Student Financial Aids budget to cover the full amount of the tuition increase for students currently receiving aid, as well as any newly eligible students.



May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND  
STRATEGIES FOR 1984-85 (contd)

President Jennings (contd)

This level of increase comes only after thorough consideration of the University Senate Fiscal Committee's recommended increases of 6.5 percent for undergraduates and 8 percent for graduate and professional students. In light of Ohio State's unique role in the state as a land-grant institution, with the historic mission of providing access for all Ohioans, I believe we must continue to strengthen our efforts to reduce the total share of costs paid by students and their parents.

Our budget discussions with the Regents and with the General Assembly also will strongly emphasize the need to reduce students' overall share of the costs of higher education throughout Ohio. Ohio State remains a relatively high cost public institution. This year, we expect our tuition increase to be one of the lowest percentage increases in the Big Ten. But we need to continue to do all we can to further improve our ranking on the relative cost of an Ohio State education.

When we look at the total impact of other charges to the student body, I am pleased to report even lower increase guidelines in other areas of special concern to our students. Residence and dining hall fee guidelines stand at a 3.2 percent consolidated average, which includes the various rates for the many different housing arrangements and meal contracts. I want to take this opportunity to single out the administration and staff of the residence and dining halls for their significant progress in holding costs down. It is through their achievements that this ranks as the lowest of all the major fee increases I will be recommending with the budget in June.

For commuter students and our faculty and staff, parking fee increases also are held relatively low, to a 3.7 percent average. In the University Hospitals, increases will average 6 percent. This also is a very positive reflection on the cost containment measures implemented by the Hospitals staff in recent years.

While this second year of the biennium provides limited resources, its stability provides hope that the new biennium beginning in July, 1985, will provide enhanced support to allow even greater progress. We are committed to continuing our emphasis on excellence and accessibility, while maintaining the comprehensive diversity of this great University.

I would recommend those guidelines for your approval and I will be happy to answer any questions that you might have.

May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND  
STRATEGIES FOR 1984-85 (contd)

Mr. Galbreath:

I'm not quite sure where we are in this ranking that you talk about. On page 3 you say we are among the highest in costs of our sister universities and then later on I think you are saying that we are one of the lowest. I'm not sure I understand where we are.

President Jennings:

We rank--as you know historically we compare ourselves in the Big 10--we rank third in tuition charges in the Big 10. Michigan and Michigan State are first and second.

Mr. Galbreath:

And higher.

President Jennings:

And higher. And we are about \$300 per year below them. Add up roughly \$1,500 per year--I'm speaking about the undergraduate level now. But, unfortunately the fourth is in the area of \$1,200 lower and it rapidly goes down from there. Not including Northwestern--we can't compare tuition at the private school. The State of Ohio ranks fourth in the nation in tuition charges for all of their public institutions. We have been making some progress by not only having lower rate increases than the Big 10, but lower rate increases than the Board of Regents has recommended in their formula activity. We are on average about 90 percent of what the Board of Regents would recommend for the entire State of Ohio as our tuition. In attempting to hold that down, we are a high cost public institution. The essential reason is that while we rank very high in tuition charges, the State of Ohio ranks on the order of 41st in the nation in public support provided to public institutions. And that 41st ranking in the nation is down from 46th in the nation two years ago. So that our tuition by any standards, any public school standards, is high. Now, by private school standards it is obviously very low, but as a public institution we are high when compared to the Big 10 and we are high when compared to the nation.

Mr. Galbreath:

On page 4 you talk about the faculty ranks--first and second in different faculty ranks. Does that mean that our faculty salaries are high, at the top?

President Jennings:

What has happened is that in the last three years--and the traditional comparison of our faculty salaries--of our market, if you will--has been the salaries in the Big 10. And during this time we have by policy--going through budget cuts--put a very great degree

May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND  
STRATEGIES FOR 1984-85 (contd)

President Jennings (contd)

of emphasis on our salary structure relative to the competition. We have measured the competition historically by salaries in the Big 10 as a collection of the finest quality public institutions truly in the nation. What the Faculty Compensation and Benefits Committee has begun to look at--and I think we need to take a serious look at--is that while we have been making great progress in the Big 10, and again as to our ranking in the Big 10, the preliminary evidence suggests that the Big 10 as a group has been declining relative to the rest of the nation. And while we can begin during the next year to argue as to what group we ought to compare ourselves to, there is some serious evidence that suggests that in modern times we may be comparing ourselves to the wrong group in terms of the outstanding quality institutions of the nation. I am not convinced of that yet, but I think that there is sufficient evidence that we need to take a hard look at that. Anecdotally, the University of Wisconsin and the University of Iowa last year had no salary increases; the University of Michigan and Michigan State were on the order of 2 percent salary increases--those states have been hit very, very hard in this difficult time. No question that we are competing at the national level. Historically we have felt that the Big 10 represents a good sample of the national level. But, I am concerned that perhaps there is sufficient evidence to take a strong look at the possibility of a new comparison group because the Big 10 may be slipping.

Mr. Galbreath:

Thank you.

President Jennings:

I think the other thing is to keep in mind as the higher salary increases, as you noticed through this budget--to accomplish the tasks that we need to accomplish and given that this budget was made in a budget-cutting mode, namely in March and April of 1983, the funds simply would not be available at this stage to make an advance. I am convinced we are not hurting the institution, but there may be some legitimate evidence that we need to look at a broader spectrum of faculty salaries.

Dr. Jacob:

What will the typical per quarter undergraduate pay for 12 hours or more? \$550 per quarter?

Mr. Ihrig:

\$547.

May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND  
STRATEGIES FOR 1984-85 (contd)

Dr. Jacob:

That will be instructional and--

President Jennings:

Instructional and general.

Mr. Havens:

Are there any further questions? Will this be presented for formal vote at the June meeting?

President Jennings:

Yes. What we will do now--and that is an appropriate question, Jack, because we unfortunately haven't been able to do it this way in the last three years--what we will do now is to send these guidelines to the various administrative units. They will come back in with salary and general expense recommendations as it goes through the institution and we will come back to you with the implementation of that. Our expectation is that salary increases will average 7 percent and tuition and fees will average 6 percent as we suggested; but we need to go through the process and give our people the guidelines; and essentially what we are doing is approving tentatively the guidelines that will establish the budget to be presented in June.

Mrs. Bowser:

I think it is remarkable that the dining facilities and residence halls have been able to keep their costs down--I think that's a remarkable situation.

President Jennings:

They have. As I said I am enormously pleased at what the dormitories and residence halls have been able to do. I look forward to the entire institution next year with this 97 percent base capability. The rest of the institution has now a standard to compare themselves with in residence and dining halls.

Mrs. Bowser:

Have they worked strenuously within their component to keep their costs down? I mean, has that been a real target of theirs?

President Jennings:

This has been a very active working group to monitor and manage those costs. I think it is particularly significant that during these budget times those units have been hit harder than some of the

May 4, 1984 meeting, Board of Trustees

PRESIDENT'S REPORT ON BUDGET PLANS AND  
STRATEGIES FOR 1984-85 (contd)

President Jennings (contd)

other units in the institution. They have not only kept their costs down in an absolute sense, but in a relative sense they have done far better than the rest of the institution. I think it is appropriate to single out the University Hospitals people, as well. We are in a period where the typical consumer price index does not apply to hospital costs and for three years now--three years ago the Hospitals had no increase in rates, last year they had a 7 percent increase in rates, this year they are going with a 6 percent increase in rates, and by any standard in Ohio or in the nation that is an outstanding performance when hospital rates on an average are going up yearly 12 and 15 percent, our people are averaging less than 5 percent for a three year period. And while we need some reallocation, I think that is why I can be very confident that we can reduce budget bases in the rest of the institution by 3 percent because those folks can do the same thing. I think it is remarkable what these people have done.

Mr. Havens:

Any further questions on this matter?

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the guidelines recommended by the President were approved by unanimous voice vote.

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APPRECIATION TO JOHN D. JACOB

Mr. Hilliker made the following statement:

I would like to say, John, on behalf of the Board, what a pleasure it's been serving with you over the years and don't be a stranger--I know you can't afford to be a stranger because you couldn't give up the income you have taken from us on the golf course. Your efforts have been appreciated. It's been fun.

President Jennings made the following statement:

Dr. Jacob, I would like to second that on behalf of The Ohio State University, its administration, its faculty, its students, its staff. Your contributions during these last nine years, and particularly during this last year as chairman, have been substantial and significant; and on behalf of the entire Ohio State community we would like to thank you for your efforts. There have been a lot of issues during these last several years and without your skill and guidance, I'm confident that we would not have been able to do as well as we have. And we'd like to present a small token of our appreciation to you that will help you remember us and keep you coming back.

May 4, 1984 meeting, Board of Trustees

### APPRECIATION TO JOHN D. JACOB (contd)

President Jennings presented Dr. Jacob with a gavel inscribed as follows in recognition of outstanding service as a member and chairman of the Board of Trustees:

JOHN D. JACOB

In appreciation of his service

to the Board of Trustees of

The Ohio State University

Member 1975-1984

Chairman 1983-1984

Dr. Jacob made the following statement:

Thank you very much. I had this four page speech prepared, but I think I had better dispense with that. I certainly have enjoyed serving in this position. I have made public service a very important part of my life for approximately the last 20 years or so, particularly since I graduated from Ohio State. And this is by far the most enjoyable position I have served in and I think certainly by far the most enjoyable group of people that I've served with, not only fellow Trustees, but serving with two presidents and various staff members, and certainly the two secretaries that we've had over these past nine years. This has all made it more enjoyable and more worthwhile and I certainly want to extend my sincere appreciation. Ed, I enjoyed working with you. I think together you and the Board and the various chairmen have accomplished a great many things that will improve the University and make it a better place in the years to come. And certainly, Madison, I want to express to you my appreciation for really a heck of a job well done. I don't always agree with Madison, I don't always agree with the President, but we can certainly have an open discussion of our ideas. Our goals are always the same and that is to do what we perceive to be the best thing for the University, for the students, faculty, and staff, and for the people of the State of Ohio.

This institution is a marvelous asset. I think as you serve in the position of Trustee and spend time on the Board--because it may take more than a few years to really realize what a fantastic asset it is--you begin to appreciate what the University means to the people of Ohio and in fact the nation. I think that we do a marvelous job at what we do, which is providing a broad-based educational opportunity on an open enrollment basis to the students--the potential students of our state.

It has always amazed me that governors, certainly from different political persuasions, have been able to appoint people who are sincerely interested in this job, people who at no remuneration put

May 4, 1984 meeting, Board of Trustees

APPRECIATION TO JOHN D. JACOB (contd)

forth immense amounts of their time. And we don't have political disagreements; we have disagreements, but they are based on individuals' perceptions as to what is best for this institution.

I might also point out for the public that is in attendance today, that the people on this Board the past year have had a 90 percent attendance rate--I think that is fantastic for the type of Board that we are and for the distances that some people have to travel and for some of the very high level business leaders that we have on this Board to make that time. And they have to make it, it's not something that they just casually come by, they have to put this on their schedule and they have to make this a priority item. And they do. And I think anytime that you can get a 90 percent level of participation for this type of activity, you really have sincere interest and you are going to be able to provide the leadership and provide improvement to the institution. So, it has made my job more pleasurable and a lot easier to know that these people are going to be here and have input.

It has been a pleasure these years working with all of you and I'm going to miss you, naturally, but I hope to continue my involvement in the University, in some way or another. You will all have some unfinished jobs that you can't get done during the time you are chairman, but it is great to know that the leadership is guaranteed for many years in the future to be good, interested leadership, and solid and sincere, active and intelligent people. Thank you, once again. It's been my pleasure--and I've got, what, ten or eleven more days to serve, and maybe we will get a few more things solved during this time. Thank you, Scottie, thank you all.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-135

RESOLVED, That the report on the University's Investment Portfolio, dated April 20, 1984, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, June 7, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

John D. Jacob, D.D.S.  
Chairman

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APPENDIX IV  
Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

June 8, 1984

## Commencement Speaker

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### John Glenn

#### Doctor of Laws

Native Ohioan John Glenn has achieved an unusually large number of distinctions during his career. After successes in sports and other activities at New Concord High School and Muskingum College, Glenn pursued his childhood interest in flying and earned his private pilot's license before his 20th birthday. He entered the armed forces after the attack on Pearl Harbor, beginning 23 years of military service that were highlighted initially by his combat experience during World War II. Service as a flight instructor was followed by further combat duty during the Korean War. Soon after, Glenn became a test pilot and, in 1957, first attracted national attention for his record-setting supersonic transcontinental flight—three hours and 23 minutes from Los Angeles to New York. That feat led to his selection as one of the first seven American astronauts and his entry into the history books as the first American to orbit the earth. His triumphant return included New York City's largest-ever ticker-tape parade and an address to a joint session of Congress. After further service in the space program and several successful years in private business, Glenn returned to public service with his election to the U.S. Senate in 1974 by a one million vote margin. His re-election bid in 1980 succeeded by the largest margin in Ohio history—1.6 million votes. He serves on the Foreign Relations Committee and the Governmental Affairs Committee and is ranking minority member of the Special Committee on Aging. The University is honored to recognize his achievements and proud to have him address today's graduates.

## Recipients of Honors

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### Harvey Brooks Doctor of Science

The Benjamin Peirce Professor of Technology and Public Policy at Harvard University, Harvey Brooks has done much to shape the academic study of the effects of science and technology on society. With undergraduate training in mathematics and a doctoral degree in physics, early in his career he was involved in nuclear energy research. He made major contributions to nuclear propulsion programs and to nuclear reactor safeguards. After joining the Harvard faculty as Gordon McKay Professor of Applied Physics in 1950, he began to build his international renown through his untiring service to the academic world, government, and the private sector. A sampling of his vast number of professional activities shows that he was co-chairman of the Committee on Nuclear and Alternative Energy Systems for the National Academy of Sciences and founding editor of the *International Journal of the Physics and Chemistry of Solids* and editorial adviser to half a dozen other publications. He is also a fellow of the American Nuclear Society and the American Physical Society, a member of the National Academy of Sciences and the National Academy of Engineering, and a member of the Board of Trustees of the German Marshall Fund of the United States. Colleagues refer to him as "the pre-eminent spokesman and dean of science and technology in the United States" and "the most knowledgeable and influential individual in the United States when it comes to issues of science policy and policy for science." Ohio State is proud to recognize him for his inspiration to scholarship on this campus and throughout the world.

### Archbishop Iakovos Doctor of Humane Letters

This year marks Archbishop Iakovos' 25th year as Primate of the Greek Orthodox Church of North and South America, his 30th year as a bishop, and his 50th year as a priest. He is spiritual leader to more than two million Greek Orthodox Christians in more than 550 parishes throughout the Western Hemisphere and has served ably as teacher, administrator, theologian, and statesman. He has been a champion for the unity of all Christians and, in 1959, was the first Greek Orthodox Archbishop in four centuries to meet with a Roman Catholic Pontiff. He also has promoted close working relationships among leaders of all religions, serving as president of the World Council of Churches from 1959-68. He is a member of the honorary board of the Advisory Council on Religious Rights in Eastern Europe and the Soviet Union, affiliated with the U.S. Senate's Committee on Foreign Relations. He has been in the forefront of the civil rights movement and marched with Martin Luther King Jr. More recently, he has spoken out forcefully against the violation of human rights and religious freedom and has protested the actions of oppressive governments throughout the world. The Archbishop is chairman of the Board of Trustees of the Hellenic College and Holy Cross Greek Orthodox School of Theology in Massachusetts and president of the Board of Trustees of the Saint Basil Academy of Garrison, N.Y. His numerous recognitions include the Presidential Medal of Freedom, awarded by President Jimmy Carter in 1980. The University is honored to recognize his half century of service to the religious and secular worlds.

## Recipients of Honors

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### Arthur H. Robinson Doctor of Science

The theories and writings of Arthur H. Robinson have led him to be recognized by his peers as the dean of cartography and the founder of the modern discipline of cartography in the United States. Through his textbooks, his leadership in professional organizations, and his work with students during 35 years as a professor at the University of Wisconsin at Madison, he has profoundly influenced the study of cartography and mapping, generally, and the specialized studies of the history of cartography, cartographic design, and physical geography. He holds the Ph.D. from Ohio State. Now professor emeritus, Robinson continues to offer inspiration through service to the American Congress on Surveying and Mapping, the International Cartographic Association, and the Association of American Geographers, among others. He helped found *The American Cartographer*, the field's leading journal, and was its editor for three years. He received his discipline's highest honor, the International Cartographic Association's Carl Mannerfelt Medal, in 1981. Colleagues around the world hail him as a "complete scholar" whose "relationship with his students has always been caring and helpful, yet upholding of the high standards he sets for himself." One professor praised his ability to make readers of his books understand the "how" and "why" of maps, "pointing the way to future research into cartographic communication, a subject of greater than ever importance in the era of computer-assisted mapping." Ohio State is proud to honor this distinguished alumnus.

### George D. Snell Doctor of Science

In relative solitude in his Maine laboratory, George Snell conducted work over a 30-year period that has had far-reaching effects in several areas of modern biology and medicine—so much so that he shared the Nobel Prize for Medicine in 1980. By studying the genetic structure of mice, he revealed the genetic factors governing acceptance or rejection of transplanted tissue and developed the concept of histocompatibility antigens, the gene products on cell membranes that determine reactions between body tissues. His work laid the theoretical basis for tissue matching for transplants of kidneys and other organs, led to research advances in cancer immunology, and provided the foundation for understanding the relationship between certain antigens and the susceptibility of humans to particular diseases. While conducting this internationally significant research, Snell continually impressed his colleagues with his constant generosity. Said one, "He serves as a model for the open and enthusiastic sharing of everything he has produced, and ideas and materials given by him have been keys to the development of his field and of many of the younger people in it." In addition to his Nobel recognition, Snell has been elected to the National Academy of Sciences and honored by the National Cancer Institute, the Czechoslovak Academy of Sciences, the British Transplantation Society, the French Academy of Science, and the British Society of Immunology. The University is honored to add its recognition to this impressive list.

## Distinguished Service Awards

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### **Morgan L. Allison Distinguished Service Award**

A 1944 graduate of Ohio State's College of Dentistry, Morgan L. Allison returned to join its faculty in 1949, beginning what would be a distinguished career. He initiated the first graduate program in oral and maxillofacial surgery at Ohio State in 1953 and promoted the concept of outpatient anesthesia and research in addition to clinical oral surgery. The sophistication of his early research in the area belied the lack of modern techniques and facilities now available. He has been a leader in his profession, developing guidelines for specialty training in oral surgery and guidelines for teaching and comprehensive control of pain and anxiety in dentistry. He was named regents professor by the Ohio Board of Regents in 1966, a position he held until his retirement in 1982. He also was chairperson of the section of oral and maxillofacial surgery and anesthesiology in the College of Dentistry for 15 years; he then served as director of the clinical division of dentistry and chairperson of the section of anesthesiology. He was instrumental in founding the American Dental Society of Anesthesiology, and received that organization's Heidbrink Award for his accomplishments and service. He also has received the Distinguished Alumnus Award of the OSU Dental Alumni Association, the Distinguished Dentist Award of the Ohio Dental Association, and numerous other honors, including election as a founder fellow of the International Association of Oral and Maxillofacial Surgeons in London, England. Ohio State is proud to present him with a Distinguished Service Award.

### **Charles H. Summerson Distinguished Service Award**

Although Charles H. Summerson served with distinction for 35 years on the faculty of Ohio State's department of geology and mineralogy, he is being recognized today for an "extracurricular activity" completed while discharging his normal professional duties. Summerson was his department's representative throughout the six-year process of planning, designing, and carrying out the renovation and restoration of Orton Hall. From 1976 until his retirement in 1982, he demonstrated extraordinary devotion to this project. With his guidance, the paintings hung in the Orton Library were cleaned and restored, original woodwork was restored and preserved, and library service desks were remodeled from plans he developed. The ceramic tile floor in the lobby was replaced with tile donated by an Ohio firm through an arrangement Summerson executed. Window sashes were replaced to match the original. Open stairways and original railings and bannisters were preserved and restored at Summerson's insistence although it was necessary to find a special design solution to satisfy the Ohio Building Code. Old wood display cases for geological artifacts were reconditioned and new cases built from plans Summerson developed, and he personally supervised the completion of the work and the installation of the cases. Orton Hall's importance as a piece of distinctive architecture, noteworthy for its unusual and faithful use of native Ohio stone, has been preserved and enhanced through Summerson's untiring efforts. All who love the building and the University are in his debt.

## **Distinguished Service Awards**

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### **Clara G. Weishaupt Distinguished Service Award**

When Clara G. Weishaupt retired in 1968, she barely took time to catch her breath before plunging ahead with the next stage of her work. An associate professor emeritus of botany, she prepared a guide for the identification of grasses by their vegetative characteristics after her retirement, supplementing a widely used guide to the vascular plants of Ohio that she first published in 1960. Through these publications, she helped countless Ohioans learn the plants of their state. An Ohio native, she earned all her academic degrees from Ohio State, beginning with a bachelor of science in home economics in 1924 and followed by the master's and Ph.D. in botany. She spent 22 years on the faculty of the Department of Botany, including service as curator of the department's herbarium from 1949-67. In this role, she performed a vital service in preserving the botanical heritage of Ohio and in helping people identify unknown plants. Honors during her career included membership in Sigma Delta Epsilon, the National Honorary Society for Women in Science, and election as a fellow in the American Association for the Advancement of Science. She has continued to serve the students and faculty of the Department of Botany in informal, but valuable, ways and is remembered by all who have had the opportunity to know her and work with her for her ability to inspire both students and colleagues with a love for her profession. Her personal dedication and enthusiasm have been an inspiration to many. She has provided an example that is worthy of emulation, and Ohio State is pleased to recognize her contributions.

## The Graduate School

Dean: Jules B. LaPidus

### Doctor of Musical Arts

**Diane Kay Earle**, Louisville; B.M. (University of Cincinnati); M.M.; Music  
Dr. Sylvia A. Zaremba

**Viscount F. Thurston**, Columbus; B.M., M.M.; Music  
Dr. Richard Tetley-Kardos

### Doctor of Philosophy

**Paul Quentin Anziano**, Levittown, NY; B.S. (State University of New York at Oneonta); Molecular, Cellular and Developmental Biology  
Dr. Philip S. Perlman

**Barbara Radgowski Auer**, San Antonio, TX; B.A. (Millersville State University); M.Ed. (Bowling Green State University); Education  
Dr. Frederick R. Cyphert

**Karen Sue Behm**, Columbus; B.S.; M.S. (University of Kentucky); Agricultural Education  
Dr. J. David McCracken

**Gregory Ernest Bell**, Washington, D.C.; B.S. (University of Maryland at Baltimore County); M.A. (Howard University); Education  
Dr. Roger T. Cunningham

**Ann Therese Bertagnoli**, Columbus; B.A. (Carroll College); M.A. (University of Nevada at Las Vegas); English  
Dr. Robert C. Jones

**Jondker K. Blanduill**, Columbus; B.A. (Sioux Falls College); M.A. (Howard University); Political Science  
Dr. Chadwick F. Alger

**Roger Alfred Blough**, Dayton; B.A. (University of Pittsburgh); M.A. (University of Notre Dame); Political Science  
Dr. Philip D. Stewart

**Daniel Jay Bragg**, Sandusky; B.S., M.B.A.; Business Administration  
Dr. Larry P. Ritzman

**Wayne Bradford Brooks**, Cincinnati; B.S., Ed., (Miami University) M.Ed. (University of Cincinnati); Health, Physical Education and Recreation  
Dr. Robert L. Bartels

**Randal Norman Brue**, Sylvania; B.S., M.S.; Poultry Science  
Dr. J. David Lashaw

**Claire Caroline Brunner**, Indianapolis, IN; B.A., M.A. (Miami University); Communication  
Dr. Donald J. Cegala

**Stephen Alan Butterfield**, Brattleboro, VT; B.S. (Springfield College); M.Ed. (Keene State College); Health, Physical Education and Recreation  
Dr. Walter F. Erising

**Johannah Casey**, Mt. Vernon; B.S., M.A.; Health, Physical Education and Recreation  
Dr. Charles L. Mand

**Michaeline K. Varso-Chance-Reay**, Gary, IN; B.S. (Ball State Teachers College); M.A. (Ball State University); Education  
Dr. Donald R. Bateman

**Suk-Min Chang**, Seoul, Korea; B.A. (Kongin National Teacher's University); M.A. (Seoul National University); Education  
Dr. Donald G. Lux

**Chanin Charoenpong**, Bangkok, Thailand; B.S. (Kosetsart University); M.S. (Mississippi State University); Horticulture  
Dr. Andrew C. Peng

**Charles Ejike Chidume**, Nimo Anambra, Nigeria; B.Sc. (Hons.) (University of Nigeria); M.Sc. (Queen's University); M.S.; Mathematics  
Dr. William J. Davis

**Patrick Alan Cleary**, Ft. Wayne, IN; A.B. (Indiana University); M.A. (Ball State University); Health, Physical Education and Recreation  
Dr. Robert L. Bartels

**Kathryn V. Collins-Wooley**, Quincy, MA; B.S.; M.A., M.Ed. (Columbia University); Psychology  
Dr. Pamela S. Highlen

**Carlos E. Cuevas**, Santiago, Chile; Agronomist (University of Chile); M.S. (Catholic University of Chile); Agricultural Economics and Rural Sociology  
Dr. Douglas H. Graham

**Brian Kenneth Davis**, Leicester, Leicestershire, England; B.Ed., M.A. (University of Victoria, British Columbia, Canada); Education  
Dr. Frederick R. Cyphert

**Patricia Louise Domen**, Youngstown; B.S. (Youngstown State University); Medical Microbiology and Immunology  
Dr. M. Ronald Glaser

**Maxene Stansell Doty**, Worthington; B.A., M.A.; Psychology  
Dr. Nancy E. Betz

**Diane Zlatec Driessen**, Flint, MI; A.A. (Flint Junior College); A.B. (University of Michigan at Flint); A.M.I.S. (University of Michigan at Ann Arbor); Education  
Dr. Sharon E. Fox

**Nancy Ann Eberhart**, Columbus; B.S. (Ohio University); M.Ed. (Bowling Green State University); Education  
Dr. Charlotte S. Huck

**Mary Ann Eggert**, Columbus; B.S. (University of Wisconsin at Milwaukee); M.A.; Psychology  
Dr. Lyle D. Schmidt

**Deems Shelton Emmer**, Reynoldsburg; B.S., M.S.; Aeronautical and Astronautical Engineering  
Dr. Stuart L. Petrie

**David Leonard Enlist**, Kinnelon, NJ; B.A. (University of Rochester); Anatomy  
Dr. Ronald L. St. Pierre

**Darush Falakdine**, Abadan, Iran; B.Sc. (Hamadah Agricultural University); M.Sc. (Alabama A&M University); Agricultural Education  
Dr. J. Robert Warmbrod

**Nancy Long Flink**, Kettering; B.A. (Wright State University); M.S.S.W. (University of Cincinnati); Social Work  
Dr. Keith M. Killy

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Dr. Jean-Pierre L. Dujardin

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Dr. Beverly G. Toomey

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Dr. Anthony Mehlakis

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Dr. Herbert L. Mirels

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Dr. Robert J. Saverman

**James John Griffith**, Columbus; B.A., M.A. (University of Missouri); English  
Dr. Morris Beja

**John Whitaker Grove**, Columbus; B.S. (University of South Alabama); M.S.; Mathematics  
Dr. James M. Greenberg

**Uinda Michele Hadel**, Leechburg, PA; B.S. (Indiana University of Pennsylvania); M.S.; Chemistry  
Dr. Matthew S. Platz

**Marie Pearl Armes Heath**, Lima; B.S. (Kent State University); M.S. (Kansas State Teachers College); Education  
Dr. Frederick R. Cyphert

**Thomas William Hobbs**, Kokomo, IN; B.S. (University of Miami); Plant Pathology  
Dr. August F. Schmitthner

**Wan-hua W. Tung Hsu**, Taiwan, R.O.C.; B.A., M.A. (National Taiwan University); East Asian Languages and Literatures  
Dr. Tien-Yi Li

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Dr. Thomas H. Rockwell

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Dr. Pierre A.G. Astier

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Dr. Seymour Kleinman

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Dr. Theodore Kuwana

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*Dr. Ellen I. Hock*

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*Dr. Alan R. Osborne*

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*Dr. Richard F. Wilson*

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*Dr. Leo E. Bendixen*

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*Dr. Valayamghat Raghavan*

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*Dr. W. Bruce Walsh*

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*Dr. Charles W. Stockwell*

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*Dr. Edward D. Allen*

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*Dr. Jerzy R. Krzyzanowski*

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*Dr. Nicholas Gerber*

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*Dr. David L. Boggs*

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*Dr. Philip E. Wigen*

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*Dr. Fern E. Hunt*

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*Dr. Daniel L. Leussing*

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*Dr. Martin O. Thurston*

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*Dr. Leroy J. Hushak*

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*Dr. Thomas E. Nygren*

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*Dr. M.P. Besnard Coursodon*

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*Dr. G. Howard Phillips*

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*Dr. William L. Flinn*

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*Dr. Susan L. Huntington*

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*Dr. Harold S. Himmelfarb*

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*Dr. Shirley L. O'Bryant*

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*Dr. James E. Kerber*

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*Dr. William D. Dowling*

**Susan L. Ornstein**, Columbus; B.A. (University of Michigan); *Management and Human Resources*;  
*Dr. Jerald Greenberg*

**Judith Ott**, Broadview Hts.; B.A. (Baldwin-Wallace College); M.A.; *History of Art*;  
*Dr. Mathew Herban*

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*Dr. Henry Leland*

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*Dr. Raymond H. Muessig*

**William David Porterfield**, Timberlake, NC; B.A. (University of North Carolina at Chapel Hill); M.A.; *Education*;  
*Dr. Virgil E. Blanke*

**Arthur R. Prunier, Jr.**, Norfolk, VA; B.S., M.S. (Virginia Polytechnic Institute); *Ceramic Engineering*;  
*Dr. Charles E. Semler*

**Tariq Quadri**, Karachi, Sind, Pakistan; B.E. (N.E.D. University of Engineering and Technology); M.S.; *Ceramic Engineering*;  
*Dr. Dennis W. Readey*

**Debra Anne Redden**, Raleigh, NC; B.S. (North Carolina University at Durham); M.Ed. (The Pennsylvania State University); *Education*;  
*Dr. George P. Ecker*

**Craig Robert Reinemeyer**, Delphos; D.V.M.; *Veterinary Pathobiology*;  
*Dr. Rupert P. Herd*

**Charles W. Richard, III**, Dayton; B.S. (Stanford University); M.D.; *Pharmacology*;  
*Dr. Gopi A. Tejwani*

**Neil William Richards**, Canton; B.S.; *Pharmacy*;  
*Dr. Lane J. Wallace*

**Vicki J. Roberts-Gassler**, Greensboro, NC; B.A., M.A. (Washington State University); *German*;  
*Dr. Harry Vredeveid*

**Karen Gagner Rohr**, Xenia; B.A. (Wheaton College); M.S. (University of Illinois at Champaign); *Home Economics*;  
*Dr. Patrick C. McKenry*

**Cindyliou F. Rossana**, Columbus; B.S. (Stockton State College); *Biochemistry*;  
*Dr. Lee F. Johnson*

**Kenneth Scott Rumstap**, Berlin, CT; B.S. (Massachusetts Institute of Technology); M.A. (Wesleyan University); *Astronomy*;  
*Dr. Eugene R. Capriotti*

**Shirley Ann Selter**, Columbus; B.S., M.A.; *Education*;  
*Dr. Lonnie H. Wagstaff*

**Ibrahim Mohamed Selim**, Cairo, Egypt; B.S., M.S. (Military Technical College in Cairo, Egypt); *Electrical Engineering*;  
*Dr. Robert E. Fenton*



**Walter Maynard Sharp**, Reynoldsburg, B.A. (Marshall University); M.A.; Education; Dr. Anthony A. Olinzock

**Rong-Chyu Sheen**, Tainan, Taiwan, R.O.C.; B.Sc. (Tsing-Hua University at Taiwan); M.S. Mathematics; Dr. Paul G. Neval

**Bentley R. Shellahamer**, Tallahassee, FL; B.M.E., M.M.E. (The Florida State University); Music; Dr. Jere L. Forsythe

**Ralph Edwin Shibley, Jr.**, Columbus; B.S., M.A.; Education; Dr. James J. Buffer, Jr.

**Diane Hahn Shock**, Worthington; B.S., M.A.; Education; Dr. Robert R. Bargar

**Adonia Simandjuntak**, Jakarta Indonesia; B.Sc. (Teacher College, Indonesia); M.S. (State University of New York at Albany); Education; Dr. Aaron J. Miller

**John W. Sonedecker**, New Springfield; B.S., M.A.; Education; Dr. Luven L. Cunningham

**Charles Ross Stephen**, South Point; B.S., M.A. (Marshall University); Education; Dr. M. Eugene Gilliom

**Carol Sue Liebe Stuessy**, Columbus; B.A. (University of Texas at Austin); B.S.; Education; Dr. Stanley L. Hegeson

**Abraham Joseph Tobla**, Lakewood; B.A., M.S.; Pharmacology; Dr. Daniel Couri

**Richard Darvin Travis**, Benton City, WA; B.Ed. (Colorado State University); Vocational Education: Comprehensive Program; Dr. William D. Umstadtd

**Irwin L. Udell**, Youngstown; B.A., M.A.; Philosophy; Dr. Alan M. Hausman

**Francesca Lin Umoh**, Cross River State, Nigeria; B.Sc. (Wright State University); M.S., M.S. (University of Dayton); Education; Dr. John B. Hough

**Hans A.M. van der Mars**, Beach & Duin, Holland; Diploma (Chr. Academie voor Lich. Opv.); M.S. (Ithaca College); Health, Physical Education and Recreation; Dr. Daryl L. Siedentop

**Ruben Enrique Vargas**, Maracay, Aragua, Venezuela; B.S. (Liceo Mriceno Mendez); M.V. (Universidad Central Venezuela); M.S.; Poultry Science; Dr. Edward C. Naber

**Kuldeep Kumar Vaswani**, Mount Abu, Rajasthan, India; B.S. (University of Jodhpur); M.S. (University of Baroda); Pharmacology; Dr. Gopi A. Tejwani

**Anne Coble Voss**, Columbus; B.S.; Food Science and Nutrition; Dr. Karla L. Roehrig

**Masayuki Wajima**, Hiroshima-Cho, Hokkaido, Japan; B.S. (Hokkaido University); Mathematics; Dr. Koichiro Harada

**Maryanne Cavanagh Ward**, Gambier, B.A. (Marymount Manhattan College); M.A., M.A. (University of Virginia); English; Dr. Arnold Shapiro

**George William Wardlow**, Carl Junction, MO; B.S., M.Ed. (University of Missouri at Columbia); Agricultural Education; Dr. Larry E. Miller

**Louise Wasson**, Seattle WA.; B.A., B.A., M.Ed. (Western Washington State College); Education; Dr. Donald P. Sanders

**Regina Weade**, Washington, C.H.; B.S. (Ohio University); M.S., Home Economics; Dr. Joan E. Gritzmaier

**Edward James Weintraut**, Macon, GA; B.A. (LaSalle College); M.A.; German; Dr. Henry J. Schmidt

**Bedonna Rae Weiss**, Youngstown; A.B. (Georgetown University); M.A.; Psychology; Dr. John C. Gibbs

**Mark Frederick Wheeler**, Athens, GA; A.B., M.S., M.A. (Indiana University at Bloomington); Health, Physical Education and Recreation; Dr. Seymour Kleiman

**William Clyde Wilcox**, Columbus; A.B. (West Virginia University); M.A.; Political Science; Dr. Herbert B. Asher

**Susan Anne Willavize**, Mt. Gilead; B.S., M.S. (University of Illinois at Urbana); M.S.; Biostatistics; Dr. Jean D. Powers

**Arthur Ernest Williams**, Croton, CT; B.A., M.A. (University of Maryland); Theatre; Dr. Donald R. Glancy

**Richard L. Wright**, Columbus; B.A. (John Carroll University); Political Science; Dr. Randall B. Ripley

## Master of Accounting

**Shao-Chun Chang**, Tainan, Taiwan, R.O.C.; B.A. (Tamkang University); Accounting;

**Julia Zavalos**, Dayton; B.A.; Accounting

## Master of Applied Statistics

**Nancy Ellen Baxter**, Newark, DE; B.S. (Juniata College); Statistics

**John Raymond Felix**, Cincinnati; B.S.; Statistics

**Timothy F. Hatfield**, Kenova, WV; B.S. (Marshall University); Statistics

**Dean Paul Margeson**, Columbus; B.S.; Statistics

**Jerome William Stockrahm**, Columbus; B.S. (Marian College); Statistics

**Rebecca E. Treppe**, Louisville, KY; B.A. (Hanover College); Statistics

## Master of Architecture

**Dana Blumenfeld**, Ramat-Gan, Israel; B.Arch.; Architecture

**Leela Dechavas**, Bangkok, Thailand; B.Arch (Chulalongkorn University); Architecture

**Michael Charles Hamilton**, Fort Dodge, IA; B.A. (Loras College); Architecture

**Gianni Intili**, Roma, Italy; B.A. (Faifeigh Dickinson University); Architecture

**Rachid Si-Ammour**, Constantine, Algeria; State Dipl. (EPAU Polytechnic School of Architecture and Town Planning); Architecture

## Master of Arts

**Denise Jeanne Aalbu**, Huntington Beach, CA; B.A. (California State University at Long Beach); Romance Languages and Literatures

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**Mitzi Joann Ames-Babakan**, San Diego, CA; B.A. (Mills College); Psychology

**Gary Alan Armbrust**, Columbus; B.S.; Education

**Shawn Renée Armstrong**, Cambridge; B.S.; Education

**Sherry McKee Badger**, Columbus; B.S.; Education

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**Lisa Ann Barclay**, Kettering; B.A. (St. Louis University); Psychology

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**Janet Sue Bernstein**, Akron, B.A. (The University of Akron); Public Administration

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- Arnoldo Ricardo Camacho, San Jose, Costa Rica; Licenciado (University of Costa Rica); Economics
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- Patricia Midori Carlton, Columbus; B.A. (Washington State University); Education
- Dennis Peter Carman, New Haven, CT; B.A. (Stonehill College); Public Administration
- Amy E. Carrington, Midland, MI; B.A. (Michigan State University); Dance
- Donald Alan Carter, Oneida, NY; B.S. (United States Military Academy at West Point); History
- Gladys Lee Cashdollar, Mt. Airy, MD; B.A. (Towson State University); Education
- Robert G. Chaddock, Chaffee, NY; B.A. (Hobart College); Health, Physical Education and Recreation
- Heather Jill Chambers, Conneaut; B.S.; Education
- Mel-Rong Lee Chang, Columbus; B.A. (Kaohsiung Teacher's College); East Asian Languages and Literatures
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- Ching-Fu Chou, Taiwan, R.O.C.; B.L. (National Chung-Hsing University); Sociology
- Caryl Michele Clark, Columbus; B.S. (Central State University); Education
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- Richard Blaine Combs, Lancaster; B.S. (Bowling Green State University); Education
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- Rodney Edward Connors, Lawton, Ok; B.A.; History
- Elizabeth Adell Cook, Spring Valley, CA; A.B. (San Diego State University); Political Science
- Catherine Clair Crawford, Lancaster; B.S.; Education
- Diane Lynn Dalton, Chagrin Falls; B.A. (University of Akron); Communications
- Mark Owen Davis, Emory, VA; B.M. (Cleveland Institute of Music); Music
- Rowland J. Davis, Columbus; B.A. (Central State University); Education
- Kimberly Sue DeMeno, Worthington; B.A. (Indiana University of Pennsylvania); Communication
- Deanna Elizabeth Dennis, Reynoldsburg; B.A. (Capital University); Education
- Debra Ann Dennis, Westerville; B.S. (University of Dayton); Education
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- Philip Barry Drube, Toledo; B.A. (University of Toledo); Dance
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- Kelly Eugene Fegley, Delaware; B.Ed. (University of Toledo); Health, Physical Education and Recreation
- Georges J. Ferroniere, Naukes, France; Baccalaureat (lycee Jules Verne Nanterre/France); D.E.S.C.A.E.F. (E.S. C. A.E. Nanterre/France); Business Administration
- Claudia L. Fett, Springfield; B.S. (Miami University); Education
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- Cheryl Denise Harris, Belpre; B.A.; Photography and Cinema
- Daphne Aleta Harris, Portsmouth, VA; B.S. (Knoxville College); Education
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- William A. Hazeltine, Georgetown, DE, B.M. [Susquehanna University]; *Music*
- Kathleen Joan Hazen, Conneaut, B.A. [Edinboro State College]; *English*
- Elizabeth Ann Hearn, Cincinnati, B.S.; *Education*
- Catherine Anne Heberding, Marion, B.A. [Wittenberg University]; *Education*
- Connie Alene Heck, Columbus, B.S.; *Education*
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- Victor Dean Kuchar, Owosso, MI, B.S. [Michigan State University]; *Geography*
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- Stephen Eugene Mahle, Willoughby, B.A. [Case Western Reserve University]; *Economics*
- Chew-Pheng Mak, Malaysia, B.Sc. [University of Malaya]; *Mathematics*
- Theresa Ann Maloney, Broadview Heights, B.S. [Kent State University]; *Health, Physical Education and Recreation*
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- Rebeka Lucy Maples, Crestline, B.A.; *Black Studies*
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- Sharon Kay Marshall, West Jefferson; A.B. [Moorehead State University]; *Education*
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- Anne M. McElroy, Fredericktown, B.A. [Norwich Military University]; *Education*
- Scott Gary McGrinnis, Bowling Green, B.S. [University of the State of New York]; *East Asian Languages and Literatures*
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- Barbara Jean Michael, Escanaba, MI, B.S. [University of Michigan]; *Education*
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- Daniel Ross Morrison, Toledo, B.A. [The University of Toledo]; *Education*
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- Kelly Barton Olds**, Worthington; B.A.; *Education*
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- Glade Thomas Pauley**, Salem; B.A.; *Education*
- Rebecca Margaret Payne**, Columbus; A.B. (Ashbury College); *Education*
- Maria Denise Perez**, Columbus; B.A. (Saint Mary's College); *Education*
- Jerrylyn K. Pfaffman**, Ashville; B.M.E.; *Music*
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- Barbara Ann Scott**, Treviso, PA; B.A. (Seton Hill College); *Psychology*
- Elaine Scurd**, Mansfield; B.A.; *Education*
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- Barbara Ann Sinsabaugh**, Newark; B.A. (Oberlin College); M.A.; *Linguistics*
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- Linda Phillips Spurgeon**, Marysville; B.S. (University of Maryland); *Education*
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- Martha Elizabeth Taylor**, Columbus; B.A. (Grove City College); *Public Administration*
- Ann D'Argenio Trombley**, Rome, NY; B.M. (State University of New York at Fredonia); *Music*
- Amy Lynne Tucker**, Springboro; B.S.W.; *Health, Physical Education and Recreation*
- Ussa Jean VanBebber**, Greenville, B.A. (Valparaiso University); *Education*
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- Wendy Sue Wasnich**, West Unity; B.A. (University of Toledo); *Economics*
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- Patricia Nelda Williamsen**, Maumee; B.A. (University of Toledo); *Photography and Cinema*
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**Chung-Lung Yang-Keenan**, Columbus; U.B. (National Taiwan University); *Political Science*

**Willa Nadine Young**, Delta; B.A. (Capital University); *Political Science*

### **Master of Business Administration**

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**John Andrew Lowe**, Mansfield; B.A. (Youngstown State University); *Business Administration*

**Marc Randall Lucas**, Cincinnati; B.S. (The University of Tennessee); *Business Administration*

**John Howard Lynch**, Huron; B.A. (Ohio Wesleyan University); *Business Administration*

**Richard Mackesy**, Upper Arlington; B.A. (State University of New York at Oneonta); *Business Administration*

**Elaine Ann Malley-Snyder**, Columbus; B.S.; *Business Administration*

**David James Marlico**, Niles; B.S.; *Business Administration*

**Thomas Leland Martin**, Xenia; B.S. (University of Tennessee); *Business Administration*

**Carol K. Matson**, Wheeling, WV; B.S.; *Business Administration*

**Michael Curtis McBrayer**, Columbus; B.I.E.; *Business Administration*

**Denise Ehrler McCoy**, Columbus; B.S. (Centre College of Kentucky); *Business Administration*

**David James Minko**, Rocky River; B.A. (St. Michaels College); *Business Administration*

**Carol Jeanne Mitten**, South Euclid; B.A.; *Business Administration*

**Linda Lee Moberger**, Westerville; B.S.; *Business Administration*

**Eric Robert Muladore**, Delaware; B.A. (Ohio Wesleyan University); *Business Administration*

**Chester W. Murphy, III**, Xenia; B.S.; *Business Administration*

**Barry Logan Myers**, South Charleston; B.S. (University of Arkansas); *Business Administration*

**Ulrike Newkold**, Cologne, West Germany; B.S. (University of Aachen); *Business Administration*

**Martin Gilbert Nolan**, Cleveland; A.B. (Ohio University); *Business Administration*

**Patrick John O'Brien**, Columbus; B.S. (Rensselaer Polytechnic Institute); *Business Administration*

**Yung-Tang Pan**, Taipei, Taiwan, R.O.C.; B.A. (Tungshai University); *Business Administration*

**Debra Adele Payne**, Columbus; B.A. (Hampton Institute); *Business Administration*

**Craig William Phillips**, Waldo; B.S.; *Business Administration*

**David Lee Probst**, Avon Lake; B.S. (Miami University); *Business Administration*

**Charles William Puckett**, Columbus; B.S.; *Business Administration*

**John Clyde Rickel**, Columbus; B.S.; *Business Administration*

**Bonnie Boeshart Roberts**, Danville; B.S. B.A.; *Business Administration*

James Edward Rook, Columbus; B.S.; *Business Administration*

David Bruce Rowlinson, Yellow Springs; B.S.; *Business Administration*

Kenneth Fredrick Sachs, Columbus; B.S.; *Business Administration*

Daniel John Sarver, Marietta; B.S. (Marietta College); *Business Administration*

Janet Ellen Schallinske, Columbus; B.A. (Capital University); *Business Administration*

Joseph Paul Schlosser, Jr., Columbus; B.S. (University of Maryland); *Business Administration*

Gary Michael Schmidt, Reynoldsburg; B.S. (Michigan Technological University); *Business Administration*

Ellen Beth Schneider, Columbus; B.A.; *Business Administration*

Satya Prakash Sharma, Ghaziabad, U.P., India; B.S. (University of Roorkie); Ph.D. (University of Pennsylvania); *Business Administration*

Douglas Lee Sisson, Columbus; B.A.; *Business Administration*

Glenn David Smith, Worthington; A.B. (University of California at Berkeley); *Business Administration*

Gregory Stepp, Urbana; B.S.; *Business Administration*

Robert Michael Stroh, Columbus; B.A. (Youngstown State University); J.D.; *Business Administration*

Thomas Newton Strong, Milan; B.S. (Case Institute of Technology); *Business Administration*

Paul Douglas Stuckey, Columbus; B.A. (Otterbein College); *Business Administration*

Marion Lewis Tripp, Coshocton; B.S.; *Business Administration*

Sathyamohan Venugopala, Madras, TN, India; B.Comm. (Madras University); Acct. (Institute of India); *Business Administration*

Louise Ann Vesco, Columbus; B.A.; *Business Administration*

Carl H. Voelmedke, Delaware; B.S. (University of Cincinnati); *Business Administration*

David Lyman Waller, Columbus; B.A. (The University of Virginia); *Business Administration*

Kevin Lamont Waller, Chicago, IL; B.S. (Lincoln University); *Business Administration*

Andrew Hsing-jen Wang, Columbus; B.A. (National Cheng-Chi University); M.S. (Atlanta University); *Business Administration*

Timothy Douglas Warren, Findlay; B.S.; *Business Administration*

Francis Joseph Webb, Worthington; B.E.E. (Marhattan College); M.S. (New York University); *Business Administration*

Jeffrey L. Weber, Dublin; B.S.; *Business Administration*

Karen Davette Winfrey, Randallstown, MD; B.B.A. (Howard University); *Business Administration*

Matthew T. Woomey, Columbus; B.S. (West Virginia University); *Business Administration*

Fouad Khaled Yamout, Columbus; B.S.; *Business Administration*

Ping Chiu Yee, Columbus; B.S. (Case Western Reserve University); M.S. (University of Cincinnati); *Business Administration*

## Master of City and Regional Planning

Betsy Gilder Bagwell, Dayton; B.S. (University of Cincinnati); A.A. (Sinclear Community College); *City and Regional Planning*

Kwan-Ling Amelia Cheung, Kowloon, Hong Kong; B.A. (Malone College); *City and Regional Planning*

Richard Milton Gilmour, Emerson, NJ; B.S. (Ramapo College of New Jersey); *City and Regional Planning*

Mitchell Lyle Glasser, Ocean, NJ; B.S. (State University of New York); *City and Regional Planning*

Phyllis Marlene Jarrell, Morrison, TN; B.A. (University of Tennessee); *City and Regional Planning*

Marjeta Leberlenik, Ljubljana, Yugoslavia; B.A. (Univerza Edvard Kardelj); *City and Regional Planning*

Christopher V. Makoroma, Singida, Tanzania; Dip. (Arushi Institute); *City and Regional Planning*

Katherine Blady Schill, Novelty; B.B.A. (Kent State University); *City and Regional Planning*

Philip J. Steinmiller, Toledo; B.A. (University of Toledo); *City and Regional Planning*

James Benedict Unites, Mentor; B.S. (Cleveland State University); *City and Regional Planning*

Hugo Valencia-Cadena, Puebla, Mexico; B.A. (University of Puebla); *City and Regional Planning*

Chungchi Yang, Tainan, Taiwan, R.O.C.; B.S. (Cheng Kung University); *City and Regional Planning*

## Master of Fine Arts

Eugene Olin Castle, Columbus; B.F.A.; *Art*

Mary Allegra Cermak, St. Louis, MO; B.F.A. (Webster College); *Art*

Sharon Z. Dougherty, Columbus; B.S.; *Art*

Babette L. DuSang-Jones, Indianapolis, IN; B.F.A.; M.A. (Purdue University); *Art*

Margaret Beth Friesen, Columbus; A.A. (Stephens College); B.A. (Kansas University); *Theatre*

David Kinzer Gelbach, Jr., Charlotte, NC; B.C.A. (University of North Carolina at Charlotte); *Theatre*

Barbara Kay Kendrick, Lincoln, NB; B.F.A. (University of Nebraska); *Art*

Therese Terr Marie Kepes, Kettering; B.F.A. (University of Dayton); *Art*

Fredrick Lance Marsh, Columbus; B.F.A.; *Art*

Willard Raymond Neuert, Burlington, VT; B.A. (St. Michael's College); *Theatre*

Don J. Pollack, Columbus; B.F.A. (University of Illinois at Champaign); *Art*

Susan Deirdre Taffie, Columbus; B.F.A.; *Art*

## Master of Health Administration

Philip Lamonte Blas, Columbus; B.S. (Bob Jones University); *Hospital and Health Services Administration*

Robert Andrew Bjorvik, Columbus; B.S. (Loyola University at Chicago); *Hospital and Health Services Administration*

James Brian Brawley, Huron; B.S.; *Hospital and Health Services Administration*

Carolyn Moore Chinn, Columbus; B.S., M.S.; *Hospital and Health Services Administration*

Lyndon Jay Christman, Columbus; B.S.; *Hospital and Health Services Administration*

Donna Jean Daugherty, Lincoln Park, MI; B.A. (Michigan State University); *Hospital and Health Services Administration*

Robert Anthony Faubert, Columbus; B.A., M.Ed. (Boston College); *Hospital and Health Services Administration*

Gregory Beach Gattman, Columbus; B.A. (DePaul University); *Hospital and Health Services Administration*

Anne Kendall Geist, Kalamazoo, MI; B.S. (Michigan Technological University); *Hospital and Health Services Administration*

Mary Therese Gofran, Endicott, NY; B.S. (State University of New York at Fredonia); *Hospital and Health Services Administration*

John Anthony Grima, Jr., Warren; B.A. (University of Notre Dame); M.A. (Ohio University); Ph.D. (University of Michigan); *Hospital and Health Services Administration*

Mary Kay Groff, Hammond, IN; B.S.W. (Valparaiso University); *Hospital and Health Services Administration*

John Franklin Heller, III, Columbus; B.A. (Denison University); *Hospital and Health Services Administration*

Joseph Thomas Hooper, Tipp City; B.A. (Wright State University); *Hospital and Health Services Administration*

Kelley James Kash, Columbus; B.A. (Colby College); *Hospital and Health Services Administration*

Leo Kessler, III, Columbus; B.S. (Wright State University); *Hospital and Health Services Administration*

William Brian Namesnik, Mentor; B.S. (Murray State University); *Hospital and Health Services Administration*

Edith Theresa Nemeth, Worthington; B.S.; *Hospital and Health Services Administration*

Glenn Edward Pearson, West Sayville, NY; B.A. (Syracuse University); *Hospital and Health Services Administration*

Robert William Radler, Mansfield; B.S.; *Hospital and Health Services Administration*

Kevin Lee Rogals, Circleville; B.A., M.A. (Case Western Reserve University); *Hospital and Health Services Administration*

Thomas James Shidaker, Jr., Columbus; B.S. (Wright State University); *Hospital and Health Services Administration*

Samuel Lee Solits, Shavertown, PA; B.S. (Oral Roberts University); *Hospital and Health Services Administration*

Robert Lester Stetson, Newtown, PA; B.A. (The College of Wooster); *Hospital and Health Services Administration*

Jean Louise Todd, Toledo, B.A. (San Francisco State University); *Hospital and Health Services Administration*

Sister Jomary Trstencky, Springfield, IL; B.S.N. (Marillac College); M.S.N. (The Catholic University of America); *Hospital and Health Services Administration*

Gene Weiss, Hackensack, NJ; B.S. (Oneonta State College); *Hospital and Health Services Administration*

Jill Inez Willes, Canton; B.A. (Vanderbilt University); *Hospital and Health Services Administration*

## Master of Labor and Human Resources

Chauncey Mortz Mason, Columbus; B.A.; (Mount Union College); *Management and Human Resources*

Anthony Mark Pore, Poughkeepsie, NY; B.A. (State University of New York at Albany); *Management and Human Resources*

Beverly Kay Stalker, Columbus; B.S.; *Management and Human Resources*

John Derek Ter-Monshulzen, Port Elizabeth, Eastern Province, South Africa; B.Comm., M.Comm. (University of Port Elizabeth); B.Comm. (Hons) (University of South Africa); *Management and Human Resources*

## Master of Landscape Architecture

Noël Beatrice Dorsey, Columbus; B.A. (Antioch College); B.S.L.A.; *Landscape Architecture*

John Kenneth Seavers, Dayton; B.S.; *Landscape Architecture*

## Master of Liberal Studies

Kit Firth Cress, Mansfield; B.S. (University of Pittsburgh); *Liberal Studies*

Mary Lucille Hockenberry, Columbus; B.A. (Capital University); *Liberal Studies*

## Master of Music

Bethann Argot, Columbus; B.S. (Messiah College); *Music*

Mark Owen Davis, Emory, VA; B.Mus. (Cleveland Institute of Music); *Music*

Lisa Joanne Hansen, Columbus; B.M.; *Music*

Susan Marie Martin, Brownsburg, IN; B.S. (Ball State University); *Music*

Michael Grant Schalllock, Pass Christian, MS; B.M.Ed. (University of Southern Mississippi); *Music*

## Master of Public Administration

Anthony Philip Camma, Cincinnati; B.A.; *Public Administration*

Jane Anne Durham, Findlay; B.S.; *Public Administration*

Anne K. Essenhugh, Columbus; B.A. (Université de Montréal); *Public Administration*

Irene May Gross, University Hts.; B.A. (Miami University); *Public Administration*

John Franklin Heller, III, Columbus; B.A. (Denison University); *Public Administration*

Jill Huntley-Sims, Columbus; B.A.; *Public Administration*

Jack Jay Jackson, New Albany; B.A. (Ohio Dominican College); *Public Administration*

Bruce Allen Johnson, Lincoln, NB; B.S. (University of Nebraska at Lincoln); *Public Administration*

Diane Marie Kallinowski, Warren, MI; B.A. (Michigan State University); *Public Administration*

Bradley Nolan Pope, Tecumseh, NB; B.S. (University of Nebraska); *Public Administration*

Jo Ann Terhar, Milford; B.A. (Ohio University); *Public Administration*

Donald Paul Witkowski, N. Tonawanda, NY; B.A. (Canisius College); *Public Administration*

## Master of Science

Bradley Gail Angell, Louisville, KY; B.S. (Xavier University); D.M.D. (University of Louisville); *Dentistry*

Mohammad Aslam, Columbus; B.Sc., M.Sc. (Hons) (W.P.A.U. Faisal Abad, Pakistan); *Agronomy*

Mustafa Mohamed Azzouz, Benghazi, Libya; B.Sc. (Salford University); M.Sc. (Portsmouth Polytech); *Electrical Engineering*

Mark Alan Balch, Burbank, IL; B.S. (University of Illinois at Chicago); *Chemical Engineering*

Gordon Russell Baker, Columbus; B.S.; *Civil Engineering*

N. I. Balakrishnan, Madras, Tamil Nadu, India; B.Tech. (Indian Institute of Technology); *Computer and Information Science*

Enrique Barberi Irujo, Caracas, Venezuela; B.S., *Electrical Engineering*

Douglas R. Barnes, Toledo; B.A.; *Natural Resources*

Timothy M. Barish, Painesville; B.S.; *Environmental Biology*

Gregory Raymond Basile, Akron; B.S.; *Electrical Engineering*

Amy Lynn Baum, Columbus; B.A.; (Indiana University); *Industrial and Systems Engineering*

Jahan B. Bayat-Mohtezari, Meshed, Iran; B.S. (Iran College of Science and Technology); M.S.; *Nuclear Engineering*

Brook Waite Beall, Columbus; B.S.; *Aeronautical and Astronautical Engineering*

C. Estelle Beaumont, Des Plaines, IL; B.S. (Bowling Green State University); R.N. (Silver Cross Hospital); *Allied Medical Professions*

Steven Charles Bell, Parma; B.S.; *Mechanical Engineering*

Robert Campbell Bennett, Poland; B.A. (Miami University); *Physiology*

Sarah J. Bernier-John, Houston, TX; B.S. (University of Puerto Rico); *Electrical Engineering*

Peter Austin Beshuk, Pataskala; B.A. (Ball State University); M.A.S.; *Statistics*

Barbara J. Bolender, Circleville; B.S.; *Nursing*

Frank Stephen Bowling, Circleville; B.S.; *Agricultural Economics and Rural Sociology*

Timothy Andrew Bowman, Fletcher; B.S.; *Agricultural Economics and Rural Sociology*

Elizabeth Jane Bragg, Oak Hill WV; B.S.N. (West Virginia University); *Nursing*

Becky Mae Breiner, Columbus; B.S.N. (Wright State University); *Nursing*

Robert John Brown, Indianapolis, IN; B.S. (Butler University); *Mathematics*

Michael Buddy, Westerville; B.A. (Holy Cross College); B.A. B.Litt. (Oxford University); *Computer and Information Science*

Debra Elaine Burr, Columbus; B.A. (DePaul University); *Horticulture*

Brian Edward Burke, Watertown, MA.; B.S. (University of Tampa); *Microbiology*

Daniel Dale Burwell, Danville; B.S.; *Zoology*

- Denice DeLaney Cassini**, West Lafayette, IN; B.S. (Purdue University); *Horticulture*
- Melchi Chen Chan**, Columbus; B.S., M.S. (National Taiwan Normal University); M.S.; *Computer and Information Science*
- Wheijen Chang**, Yuanlin, Taiwan, R.O.C.; B.Ed. (Taiwan College of Education); *Physics*
- John Richard Chapman**, Lima; B.S.; *Mathematics*
- Jen-Tai Chen**, Taipei, Taiwan, R.O.C.; B.D.S. (Taipei Medical College); *Dentistry*
- Kuo-Hua Chiang**, Columbus; B.S. (Feng Chia University); *Engineering Mechanics*
- Charles Manyama Buliko Chikaka**, Tanzania, East Africa; B.Sc. (University of Dar-Es-Salaam); M.S.; *Agricultural Economics and Rural Sociology*
- Kangra Cho**, Seoul, Korea; B.S. (Soong-Jun University); *Electrical Engineering*
- Robert Peck Christen**, Syracuse, NY; B.A. (Beloit College); *Agricultural Economics and Rural Sociology*
- Linda Marie Cortese**, Brooklyn; B.S. (University of Toledo); *Pharmacy*
- James Robert Cryder, Jr.**, Cincinnati; B.S., D.D.S.; *Dentistry*
- Thomas John Cunningham**, East Liverpool; B.S.; *Electrical Engineering*
- Alan Paul Curtis**, Columbus; B.S.; *Electrical Engineering*
- Gregory Alan Dahlem**, Dayton; B.S.; *Entomology*
- Michael Joseph Dahlhausen**, Cleveland Heights; B.S.E.E. (Cleveland State University); *Electrical Engineering*
- Jay B. Dean**, Columbus; B.S. (Central Michigan University); M.S. (Michigan Technological University); *Physiology*
- Carolyn Walsh DeVore**, Cincinnati; B.S.N. (University of Cincinnati); *Nursing*
- Barbara Maria Doerr**, Dayton; B.S. (Xavier University); M.S. (Wright State University); *Physiology*
- John Marchant Donecker**, Columbus; B.A. (Gettysburg College); V.M.D. (University of Pennsylvania); *Veterinary Clinical Sciences*
- Jorge E. Donoso**, Chitre, Republic of Panama; B.S. (Colegio Jose De Crespo); Dental Surgeon (Univ. Autonoma De Guadalupe); *Dentistry*
- Nancy Lynn Dorinsky**, Shelby; B.S.N.; *Nursing*
- Nancy Lynn Dostal**, Schuyler, NB; Pharm.D. (University of Nebraska Medical Center); *Pharmacy*
- Geraldyn Olivia Duska**, Mingo Junction; B.S.; *Veterinary Pathobiology*
- Masaaod Ali El Yousfi**, Tripoli, Libya; B.Sc. (El-Fatah University); *Horticulture*
- Abdulhasser Abdulwadoud El-Jandali El-Rifal**, Homs, Syria; B.S.C.E. (University of Illinois); *Civil Engineering*
- James Ralph Fehrenbacher**, Olney, IL; B.A. (Southern Illinois University at Carbondale); M.S. (University of Wisconsin at LaCrosse); *Computer and Information Science*
- Allen Dean Fillmore**, Spanish Fork, UT; B.S. (University of Utah); *Pharmacy*
- Salda J. Flores-Conde**, Honduras; Economist (Univ. Nac. Autonoma de Honduras); *Agricultural Economics and Rural Sociology*
- Fredric Yat Sing Fok**, Vancouver, B.C. Canada; B.A.Sc. (University of Waterloo); *Electrical Engineering*
- Glenn Robert Frank**, Madeira, D.V.M.; *Veterinary Pathobiology*
- Frank Frastad, Jr.**, Reynoldsburg; B.S. (Case Western Reserve University); *Computer and Information Science*
- John Walter Freshel**, Columbus; B.Ag.Eng. (Universidade Fed. Santa Catarina); *Agricultural Economics and Rural Sociology*
- David Jay Frost**, Chalfont, PA; B.S. (The Pennsylvania State University); *Horticulture*
- Robert Walter Geist**, Columbus; B.S. (Michigan Technological University); *Metallurgical Engineering*
- John Sherman Gilliom**, Wooster, AR; B.S. (University of Central Arkansas); *Mathematics*
- Karen E. Goss**, Dublin; B.S. (Georgia State University); *Anatomy*
- Terrell James Green**, Hannibal, MO; B.S. (University of Missouri at Rolla); *Chemical Engineering*
- James Michael Gregg**, Columbus; B.S.; *Electrical Engineering*
- Lawrence Joseph Gutkowski**, Parma; B.S.; *Mechanical Engineering*
- Marta Angeline Haban**, Reynoldsburg; B.S.; *Geology and Mineralogy*
- Michael Robert Hamerski**, Syracuse, NY; B.S. (University of Mississippi); *Entomology*
- Brent Lee Harris**, Columbus; B.S. (Utah State University); D.D.S. (Case Western Reserve University); *Dentistry*
- William H. Hawans**, Reynoldsburg; B.S. (University of Pittsburgh); *Computer and Information Science*
- Xin He**, Beijing, China; M.S.; *Computer and Information Science*
- Karen Leigh Hillegass**, Clemmons, NC; B.S. (Ohio Northern University); *Pharmacy*
- Jack Brian Hilty**, Fremont; D.D.S.; *Dentistry*
- Cynthia Sue Hirschfeld**, Columbus; B.S.N.; *Nursing*
- Soonjo Hong**, Korea; B.S. (Hanyang University); *Civil Engineering*
- William Richard Horton**, Columbus; B.A. (New York University); M.S. (University of Texas at San Antonio); M.S.; *Computer and Information Science*
- Jeffrey Allen Houck**, Kettering; B.A. (Miami University); *Pharmacology*
- Tzu-Chien Jeffrey Hsu**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Chemical Engineering*
- Yeu-Ying Hsu**, Taiwan, R.O.C.; B.S. (National Taiwan University); *Welding Engineering*
- Sung-Pyng Huang**, Taipei, Taiwan, R.O.C.; B.S. (National Chung-Hsing University); M.S.; *Computer and Information Science*
- Brian Thomas Huber**, Columbus; B.S. (The University of Akron); *Geology and Mineralogy*
- Paul E. Infanger**, Columbus; B.S.; *Nuclear Engineering*
- Mostafa Jafarima**, Mashhad, Khorasan, Iran; B.S. (Arya Mehr University of Technology); M.S. (Youngstown State University); *Welding Engineering*
- David Carpenter Jamon**, Ashburnham, MA; B.A. (Clark University); *Ceramic Engineering*
- In-Seop Jeong**, Seoul, Korea; B.E. (Han-Yang University); *Metallurgical Engineering*
- Dean Johnson**, Delaware; B.S. (Concordia College); *Chemical Engineering*
- Timothy Allen Jones**, Middletown; B.S.; *Welding Engineering*
- Eon-Kyeong Joo**, Taegu, Korea; B.S. (Seoul National University); *Electrical Engineering*
- Craig L. Joseph**, Canton; B.S.; *Astronomy*
- Moses S.P. Joseph**, New Delhi, India; B.Sc. (National Dairy Research Institution); *Food Science and Nutrition*
- Ding-Tsong Jou**, Taipei, Taiwan, R.O.C.; B.S.E. (National Cheng Kung University); M.A.; *Computer and Information Science*
- Kenneth Gerard Jozefczyk**, Detroit, MI; B.S. (Wayne State University); *Pharmacy*
- Kamil Elias Kaloush**, Beirut, Lebanon; B.S.; *Civil Engineering*
- Michael Christopher Kane**, Columbus; B.S. (Ohio Institute of Technology); *Electrical Engineering*
- Ali Hassan Karaki**, Lebanon; B.S.; *Civil Engineering*
- Robert Harold Kelch**, Granville; B.A. (The College of Wooster); *Chemical Engineering*
- Jacque Barth Kennedy**, Coshocton; B.S.; *Welding Engineering*
- Anne Marie Keunke**, Pickerington; B.S., M.S. (Purdue University); *Computer and Information Science*
- Earl Lee Kittle**, Columbus; D.V.M.; *Zoology*
- John Harlan Knoop, Jr.**, Troy; B.A. (Virginia Wesleyan College); B.S.N. (Northern Michigan University); *Nursing*
- Yasuo Kobayashi**, Kamakura-City, Kyoto, pref., Japan; B.S. (Okayama University); M.S. (Kyoto University); *Metallurgical Engineering*
- Alan Michael Kovacki**, Parma; B.S.; *Animal Science*
- Marleen Louise Kromer**, Columbus; B.S.; *Botany*



- Christopher Wolfe Krumm**, Columbus, B.A. (Capital University); *Geology and Mineralogy*
- Chiung-Chi Kuo**, Tainan, Taiwan, R.O.C.; B.S. (National Chung-Hsing University); *Horticulture*
- Jutta Klüpper**, Mülheim-Ruhr, West Germany; B.S. (Fachhochschule Niederrhein); *Metallurgical Engineering*
- Se-Hung Kwak**, Seoul, Korea; B.S. (Seoul National University); *Electrical Engineering*
- Yusuflu Davou Kwon**, Jos, Plateau, Nigeria; B.S. (Ahmadu Bello University); *Agricultural Economics and Rural Sociology*
- Christos Theodoros Kyrtzos**, Lagunillas, Zulia, Venezuela; B.S., B.S. (Iowa State University); *Electrical Engineering*
- Thomas Richard Lanning**, Whitehall, B.A. (Muskingum College); *Computer and Information Science*
- Eric William Larson**, Vernal, Ut.; B.S.; *Natural Resources*
- Gerald Ernest Lashley**, Mt. Vernon; B.S. (Eastern Nazarene College); A.M., Ed.D. (Boston University); *Computer and Information Science*
- Richard Carl Laubacher**, Canton, B.S.; *Geology and Mineralogy*
- James Everett Laws**, Sidney; B.S.; *Poultry Science*
- W. Britt Leatham**, Ogden, UT; B.A. (Weber State College); *Geology and Mineralogy*
- Teh-Hong Lee**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Electrical Engineering*
- David John Lehmick**, Columbus, B.S. (Angelo State University); *Electrical Engineering*
- Ching-Shan Leu**, Taiwan, R.O.C.; B.S. (Taiwan Provincial College of Oceanic and Technology); *Electrical Engineering*
- Miroslav Lovric**, Zagreb, Yugoslavia; B.S. (University of Zagreb); *Mathematics*
- Michael Joseph Magee**, Clearwater, FL; B.S. (Auburn University); *Pharmacy*
- Marda Ellen Manley**, Walldwick, NJ; B.S.; *Animal Science*
- Stephen William Marek**, Parma, B.S.; *Mechanical Engineering*
- Jeffery Lynn Maresh**, Bedford; B.S.; *Aeronautical and Astronautical Engineering*
- Luis Alberto Marino-Pena**, Caracas, Venezuela; Médico Veterinario (Universidad Central de Venezuela); *Veterinary Preventive Medicine*
- William Alan Marzich**, Massillon; B.S.; *Industrial and Systems Engineering*
- John Martin Mastro**, Youngstown; B.S.; *Veterinary Pathobiology*
- Hideo Matsuzono**, Nagasaki-ken, Japan; B.S. (Nagasaki University); *Civil Engineering*
- James Stephen Matthews**, Columbus; B.A. (Cambridge University); *Mathematics*
- Kenneth Lee McCurdy**, Cuyahoga Falls; B.S.; *Civil Engineering*
- Dennis Owen McIntyre**, Columbus; B.S.; *Entomology*
- Diana Jeanne McRoberts**, Gahanna; B.S.; *Home Economics*
- Janice Margaret Mertz**, Botkins; *Home Economics*
- Mark James Miller**, Greensburg, PA; B.S. (Duquesne University); *Mathematics*
- Richard Stuart Miller**, Columbus, B.A. (California State University at Sacramento); *Entomology*
- Sanjay Kumar Mishra**, Ranchi, Bihar, India; B.Tech. (Hons.) (Indian Institute of Technology at Kharagpur); *Metallurgical Engineering*
- Heidi René Mitchell**, Prospect, B.S.; *Physics*
- Atul Mitra**, Gwalior, M.P., India; B.Eng. (Madhav Institute of Technology and Science); *Civil Engineering*
- Perry Andrew Molley**, Columbus; B.S.; *Electrical Engineering*
- Ann M. Monaghan**, North Reading, MA; B.A. (North Adams State College); *Computer and Information Science*
- Kerry Dean Moore**, Lima; B.A. (University of Cincinnati); D.D.S.; *Dentistry*
- Elvira Moscovici**, Columbus; Univ. Deg. [University of Bucharest, Romania]; *Mathematics*
- Michael Thomas Moser**, Bowling Green; B.S. (University of Toledo); *Animal Science*
- Debra Jo Masure**, Columbus; B.S., *Preventive Medicine*
- Steven Michael Neal**, Jamestown; B.S.; *Animal Science*
- Monica Rose Nees**, Chapel Hill, NC; B.S., M.S. (Roosevelt University); Ph.D. (University of Maryland); *Natural Resources*
- Roger W. Nelson**, Wadsworth; B.S. (Georgia Institute of Technology); A.S. (South Georgia College); *Chemical Engineering*
- Donald C. Neth**, Cleveland; B.S., B.A. (Ohio Northern University); *Biomedical Engineering*
- Hon Yu Ng**, Hong Kong; B.S. B.S. (Iowa State University); *Electrical Engineering*
- Beverly Ann Nicholson**, Zanesville; B.S.N.; *Nursing*
- Jean Ann Nochio**, Deiran, NJ; B.S. (Manhattan College); *Civil Engineering*
- Tae Won Noh**, Seoul, Korea; B.S. (Seoul National University); *Physics*
- Manuel Enrique Nolte**, San Miguel, Lima, Peru; Cert. (Colegio San Agustín); Ingeniero (Universidad Nacional Agraria); Experto (Universita Degli Studi Di Milano); *Agricultural Economics and Rural Sociology*
- Barbara Lee Norris**, Wooster; B.S. (University of Rhode Island); *Plant Pathology*
- Clifford Dewey Nunn**, Columbus; B.S. (General Motors Institute); *Mechanical Engineering*
- Belinda Jane Paisley**, Granville; B.S.; *Computer and Information Science*
- Lynette Marie Parker**, Columbus; B.A. (West Liberty State College); M.S.; *Computer and Information Science*
- James V. Pierce**, Fort Wayne, IN; B.S. (Purdue University); *Industrial and Systems Engineering*
- Shawn Pleasants**, Blacklick; B.S.; *Electrical Engineering*
- Jose Arnoldo Pocasangre**, San Salvador, El Salvador; B.S. (Universidad de San Carlos de Guatemala); *Civil Engineering*
- Jeanne Lynn Porter**, East Liverpool; B.S.; *Industrial and Systems Engineering*
- Myriam Anita Posso**, Columbus; B.S.N. (Universidad Central, Quito, Ecuador); *Nursing*
- Thomas Leslie Prince**, Dover; B.S.; *Horticulture*
- George Jim Privolovs**, Athens, Greece; Dipl. (National Polytechnical University of Athens, Greece); *Geodetic Science and Surveying*
- William F. Punch, III**, Westchester; B.S.; *Computer and Information Science*
- Scott Paul Randby**, Harrisburg, PA; B.S. (Grove City College); *Mathematics*
- Lakshmi Narayana Reddi**, India; B.Tech. (J.N.T. University Hyderabad); *Civil Engineering*
- Russell David Richardson**, Whitehall; B.S.; *Electrical Engineering*
- Louis Jeffrey Rightsh**, Columbus; B.S.; *Mechanical Engineering*
- Susan S. Ringler**, Columbus; B.S.; *Veterinary Pathobiology*
- James Edward Rogan**, Gambier; B.S.; *Mathematics Geodetic Science and Surveying*
- George Keith Rufener, II**, Wadsworth; B.S. (Ball State University); *Agronomy*
- John Edward Rush**, Grafton; D.V.M.; *Veterinary Physiology and Pharmacology*
- Sally Joanne Rush**, Grafton; B.S.; *Food Science and Nutrition*
- Sean Michael Saccocio**, Columbus; B.S.; *Electrical Engineering*
- Stanley S. Sadel, Jr.**, Camp Hill, PA; B.S. (The Pennsylvania State University); *Horticulture*
- Tono Sakssono**, Yogyakarta, Indonesia; B.Surv. (Gadjah Mada University); *Geodetic Science and Surveying*
- Atsushi Sanbutsusho**, Tokyo, Japan; D.V.M. (Azabu University); *Veterinary Clinical Sciences*
- Jeffrey Mark Sarver**, Canton; B.S. (Marietta College); *Metallurgical Engineering*
- Stephen Michael Scala**, Nutley, NJ; B.S. (University of Connecticut); *Pharmacy*
- Jeff Schaeffer**, Akron; B.S.; *Zoology*
- Richard Alex Schultz**, Alexandria, VA; B.S. (Purdue University); M.S. (Michigan State University); *Civil Engineering*

**Theresa Mary Schutte**, Fairfield, B.S. (Duke University); *Environmental Biology*

**Pamela Sue Scott**, Columbus, B.S.; *Home Economics*

**Michael E. Share**, Memphis, TN, B.S. (Massachusetts Institute of Technology); M.S. (University of Wisconsin at Madison); *Computer and Information Science*

**Michael A. Shetzline**, Philadelphia, PA; B.S. (The Pennsylvania State University); *Physiology*

**Babak C. Shirazi**, Tehran, Iran; B.S.; *Civil Engineering*

**Christopher Brian Shols**, Chico, CA; A.B. (Duke University); *Chemical Engineering*

**Ajit Singh**, Columbus, B.A., M.A. (Déhi University); *Mathematics*

**Mary Jane Smith**, Columbus, B.S. (Eastern Washington University); *Nursing*

**Stuart Allan Smith**, Bellefontaine, B.A. (Wittenberg University); *Environmental Biology*

**Kevin Lee Solveson**, Columbus, B.A. (Ohio Dominican College); *Computer and Information Science*

**Michael Steinbuch**, University Hts.; B.A. (Miami University); *Preventive Medicine*

**Ruby Jean Stewart**, Goldsboro, NC; B.S. (North Carolina A&T State University); *Home Economics*

**Steven Andrew Strange**, Columbus, B.S.; *Mechanical Engineering*

**Mark James Straszheim**, New Madison, B.S.; *Metallurgical Engineering*

**Philip John Stuecheli**, Akron, B.S.; *Geology and Mineralogy*

**Ay Suu, Taiwan**, R.O.C.; B.S. (National Cheng-Kung University); *Aeronautical and Astronautical Engineering*

**Takahiko Takahashi**, Kodaira-shi, Tokyo, Japan; B.S. (Tohoku University); *Electrical Engineering*

**Hew Meng Tan**, Columbus, B.S.; *Welding Engineering*

**Worachet Tantisiriwat**, Bangkok, Thailand; B.S. (Chulalongkorn University); *Electrical Engineering*

**John Edward Tehan, Jr.**, Dayton, B.S.; *Electrical Engineering*

**Mark Edward Thomas**, Columbus, B.A. (College of St. Thomas); *Industrial and Systems Engineering*

**Xiao-Ying Tien**, Harbin, P.R.C.; Harbin Medical College; *Pharmacy*

**Teresa Lynn Trott**, Zanesville, B.S.; *Ceramic Engineering*

**Edward Dennis Urbanek**, Reynoldsburg, B.S. (John Carroll University); *Computer and Information Science*

**Aracelis Vargas**, Falcon, Venezuela, B.S.; *Environmental Biology*

**Victoria V. Villareal**, San Juan, Rizal, Philippines; D.V.M. (University of the Philippines); *Dairy Science*

**Robert James von Seggern**, Delta, B.S.; *Agricultural Engineering*

**David Linden Vreeland**, St. Louis, MO; B.A. (University of Missouri at St. Louis); D.D.S. (University of Missouri at Kansas City); *Dentistry*

**Charles Scott Wade**, Carrollton; B.S.; *Metallurgical Engineering*

**Raymond Michael Waite, Jr.**, Columbus, B.S. (University of Pittsburgh); *Computer and Information Science*

**Donna Maria Waltz**, Oberlin; B.S.; *Animal Science*

**David Ling Wang**, Cincinnati; B.S.; *Industrial and Systems Engineering*

**Hana-Kwang Wang**, Taiwan, R.O.C.; B.S. (National Taiwan University); *Civil Engineering*

**Margaret Kay Watkins**, Columbus, B.S.; *Horticulture*

**William Timothy Welsert**, Columbus, B.S.; *Metallurgical Engineering*

**Gregory Steven Wellman**, Garden City, MI; B.S. (Central Michigan University); B.S. (Ferris State College); *Pharmacy*

**Joseph Raymond Wermer**, Montpelier, B.A. (College of Wooster); *Chemistry*

**JoAnne Mae Wigtil**, Columbus; *Home Economics*

**Hope Elise Winograd**, Gainesville, FL; B.S.; *Biophysics*

**Fangbing Wu**, Wuhan, Hubei, China; B.S. (Huazhong University of Science and Technology); *Mathematics*

**Gwo-Donq Wu**, Columbus, B.S. (National Cheng-Kung University); *Welding Engineering*

**Wei-Yang Joseph Wung**, Yung-Ho, Taipei, Taiwan; B.S. (National Taiwan Institute of Technology); *Electrical Engineering*

**David Yakubek**, Salem, B.S.; *Mechanical Engineering*

**Mohamad-Reza Yamini**, Tehran, Iran; B.S. (School of Planning and Computer Applications); M.S. (Florida Institute of Technology); *Computer and Information Science*

**Bing Yang**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Chemical Engineering*

**Daniel Arthur Yaussy**, Sunbury, B.S., M.S. (Virginia Polytechnic Institute and State University); *Statistics*

**Sheau-Yin Lucy Yen**, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Welding Engineering*

**Holger Ziegeler**, Regensburg, Germany; Vordiplom (Universitaet Regensburg); *Physics*

**Peter Zhikov**, Seven Hills; B.S. (Case Western Reserve University); *Mechanical Engineering*

## **Master of Social Work**

**Sandra Kay Anderson**, Columbus, B.S.; *Social Work*

**Marjorie Elizabeth Baker**, Dayton; B.A. (Wright State University); *Social Work*

**Susan Marie Beekman**, North Olmsted; B.S.; *Social Work*

**Joselynn Marie Bennett**, Mobile, AL; B.A. (Capital University); *Social Work*

**Janet Sue Bernstein**, Akron; B.A. (The University of Akron); *Social Work*

**Katherine Lyn Brenne**, Bedford, B.A. (Kent State University); *Social Work*

**Robert Thomas Brunner**, Cuyahoga Falls; B.S.W. (University of Akron); *Social Work*

**Columbus Binkley Bryant IV**, Bonham, Texas; B.S. (Texas A & M University); *Social Work*

**Dennis Peter Carman**, New Haven, CT; B.A. (Stonehill College); *Social Work*

**Man Yee Chan**, Hong Kong; Dipl. (Hong Kong Shue Yan College); *Social Work*

**Teresa Rubino Clayton**, Sugar Grove, B.A. (Kent State University); M.A. (Ohio University); *Social Work*

**Christine Helen Conlan**, Cincinnati; B.A. (University of Cincinnati); *Social Work*

**Ruth Ann Copeloff**, Van Nuys, CA; B.A. (California State University at Northridge); *Social Work*

**Michelle Ann Cramer**, Perrysville; B.S.; *Social Work*

**Pamela L. Craycraft**, Columbus; B.S.; *Social Work*

**Kay Lorraine Damewood**, Dayton, B.A. (Lebanon Valley College); *Social Work*

**Lona Lou Davis**, Cincinnati; B.A. (Miami University); *Social Work*

**Denise Joan DeLotell**, Fairfield, B.A. (Miami University); *Social Work*

**Cheri Jo Denney**, Jeromesville; B.S.; *Social Work*

**Barbara E. Douglas**, Pickerington; B.A. (Ball State University); *Social Work*

**Julie Lynn Dunlap**, Sidney, B.A. (Miami University); *Social Work*

**Diane Durkin**, Youngstown; B.S.W. (University of Dayton); *Social Work*

**Karen Virginia Ellis**, Clifton Park, NY; B.S.W. (Valparaiso University); *Social Work*

**Melissa Robin Feinberg**, Delaware, B.A. (Ohio Wesleyan University); *Social Work*

**Jo Anna Fitzgerald**, Salisbury, NC; B.S.W. (Livingstone College); *Social Work*

**Kenneth Martin Flanagan**, Cleveland, B.A. (University of Steubenville); *Social Work*

**Mariann Roberta Forman**, Columbus; B.A. (University of Toledo); *Social Work*

**Dee Anna Garwood**, Seattle, WA; B.S.W. (Graceland College); *Social Work*

**Cynthia L. Grams**, Northfield, B.A. (Kent State University); *Social Work*

**Mary Ellen Groop**, Akron; B.A. (University of Akron); *Social Work*

**Paula Marie Grote**, Cincinnati; B.A. (Miami University); *Social Work*

**Nancy Susan Hammer**, Beachwood; B.S.W.; *Social Work*

**Lyn Shipman Hanna**, Granville; B.A. (Denison University); *Social Work*

**Gail Marie Heller**, Dublin; B.A.; *Social Work*

**Mary Beth Hepner**, Toledo; B.A. (Denison University); *Social Work*

**Pamela Ann Hertwig**, Aurora; B.S. (State University of New York at Brockport); *Social Work*

**Debra J. Hilliard**, Columbus; B.A.; *Social Work*

**Anna L. Henryson Hitzhusen**, Columbus; B.S. (Iowa State University); *Social Work*

**Darla Don Huffman**, Troy; B.A. (Oral Roberts University); *Social Work*

**Mary Sylvia Hyde**, Warren; B.S.; *Social Work*

**Christine Kathryn Jacobs**, Kent; B.A. (College of Wooster); *Social Work*

**Margaret Ann Kampen**, Cincinnati; B.S. (Purdue University); *Social Work*

**Betty Jo Keirstead**, Simsbury, CT; B.A. (University of Vermont); *Social Work*

**Wenda Lue Kershner**, Findlay; B.A. (Findlay College); *Social Work*

**Karen Sue Kindel**, Akron; B.A. (Kent State University); *Social Work*

**Cynthia Elaine King**, Cincinnati; B.A. (Purdue University); *Social Work*

**Nancy Elizabeth King**, Bethel, CT; B.A. (Ohio University); *Social Work*

**G. Gregory Knackstedt**, Columbus; B.S. (Bowling Green State University); *Social Work*

**Donna H. Lewis**, Columbus; B.S. (University of Delaware); *Social Work*

**Marilyn Jean Lewis**, Columbus; B.S.; *Social Work*

**Catherine Mary Linton**, Wallingford, CT; B.S. (Southern Connecticut State College); *Social Work*

**Brenda Faye Love**, Roxboro, NC; B.A. (Bennett College); *Social Work*

**Linda Kaye Love**, Roxboro, NC; B.A. (Bennett College); *Social Work*

**Steven Charles Maggig**, Elmore; B.S.S.W. (Bowling Green State University); *Social Work*

**Michael Raletsiri Marishane**, Mooifontein, Transvaal, South Africa; B.A. (University of the North); *Social Work*

**Irene Schwartz Marocco**, Columbus; B.S. (Case Western Reserve University); M.A. (John Carroll University); *Social Work*

**Amy Marie Mataraso**, Guiderland, NY; B.A. (Ohio Wesleyan University); *Social Work*

**Cora Lee McBride**, Pocomoke, MD.; B.S. (Bowie State College); *Social Work*

**Carol Ann McDaid**, Wooster; B.A. (College of Wooster); *Social Work*

**Christine Alison McKee**, Fairlawn; B.A. (The University of Akron); *Social Work*

**Kim Leigh Mellon**, Zanesville; B.S.; *Social Work*

**Jean Tyminski Meyers**, Boston, M.A.; B.A. (Plymouth State College); *Social Work*

**Katherine Ann Mohr**, Toledo; B.A. (University of Toledo); *Social Work*

**Margaret Kathleen Morris**, Columbus; B.A. (Otterbein College); A.D.N. (Columbus Technical Institute); *Social Work*

**Marilyn D. O'Hara**, Laurelvale; B.S.; *Social Work*

**Rachel Susan Oram**, Scranton, PA; B.A. (Muhienberg College); *Social Work*

**Dora Mae Orwig**, Hillsboro; B.A. (Asbury College); M.A.; *Social Work*

**Charles William Owens**, Columbus; B.S.; *Social Work*

**Perry J. Palumbo**, Maple Heights; B.A. (Cleveland State University); *Social Work*

**James Edward Pfister**, Hincley; B.A.; *Social Work*

**Sandra Hohenbrink Roth**, Columbus; B.S.; *Social Work*

**Jayne Rutan**, Ravenna; B.A. (Case Western Reserve University); *Social Work*

**James Edward Schmidt**, Columbus; B.A. (Wheeling College); *Social Work*

**Annette Pope Schorr**, Worthington; B.L.A. (Ohio Dominican College); *Social Work*

**Michael Francis Schwab**, Dayton; B.S.W. (University of Dayton); *Social Work*

**Marvelyn Ann Scott**, Mitchellville, MD.; B.S. (Bowie State College); *Social Work*

**Tamera Sue Shaffer**, Fremont; B.S.; *Social Work*

**John Thomas Smith**, Circleville; B.G.S. (Ohio University); *Social Work*

**John P. Smith, Jr.**, Columbus; B.S.; *Social Work*

**Elizabeth Ann Spaulding**, Columbus; B.A. (Southeastern Massachusetts University); *Social Work*

**Karen Ann Sperry**, Toledo; B.A. (The University of Toledo); *Social Work*

**Lori Joan Stahura**, Youngstown; B.S.W. (Ball State University); *Social Work*

**Martha Elizabeth Taylor**, Columbus; B.A. (Grove City College); *Social Work*

**Jill Pitts Thompson**, Pittsburgh, PA.; B.A. (Grove City College); *Social Work*

**Stacy Lynn Trostler**, Cleveland; B.S. (University of Cincinnati); *Social Work*

**Karen Louise Vendeland**, Lyndhurst; B.S.; *Social Work*

**Tamera Whiteman**, Chillicothe; B.S.; *Social Work*

**Duneen Lynn Whitworth**, Dayton; B.A. (Otterbein College); *Social Work*

**Patricia Jane Wilkins**, Huber Heights; B.A. (Miami University); *Social Work*

**Susan Elizabeth Williams**, Defiance; B.A. (Ohio University); *Social Work*

**Terry Allen Wolfer**, Springfield; B.A. (Concordia Teachers College); *Social Work*

**Emmanuel C. Zachariades**, Steubenville; B.A. (University of New Haven); *Social Work*

#### **Certificate of Specialist in Educational Administration**

**Ji-Hyun Hwang**, Columbus; B.E. (Yonsei University); M.A., *Education*

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans:  
Andrew J. Broekema

Vice Provost for the Arts and Sciences:  
Thomas A. Wilke

The Colleges of the Arts and Sciences, a  
federation of five colleges, includes:

College of the Arts  
College of Biological Sciences  
College of Humanities  
College of Mathematical and Physical Sciences  
College of Social and Behavioral Sciences

## College of the Arts

Dean: Andrew J. Broekema

### Bachelor of Arts

Judith Ann Bartley, Westlake  
Patricia Caputo, Strongsville  
Karen Ann Comparato, Richmond Heights  
Kathryn Ann Crowley, Columbus  
John Charles Dapsis, North Olmsted  
Julia Ann Devine, Magnolia  
Jay Wilson Dorff IV, Circleville  
William Kenneth Dotter, Columbus  
Anne Therese Duchak, Dayton  
Lynne Anne Griggs, McLean, VA  
Barbara Hampton, Columbus  
Joseph F. Harter, Coshocton  
Frederick Jacob Kohn, Columbus  
David Griffith Miller, North Canton  
David William Patch, Jr., Amin  
Elizabeth Jane Rowles, Gates Mills  
Susan Carol Sugar, Columbus  
Mark Allen Svede, Columbus  
Donna J. Velcio, Middleburg Hts.

### Bachelor of Fine Arts

Martha Arno, Sao Paulo, Brazil  
Andrew John Boerger, Columbus  
Catherine Marie Braskett, Columbus  
Carolyn Elisabeth Burns, Covington, LA  
James Edward Chruski, Lorain  
Patricia Jean Copeland, Chagrin Falls  
Todd Mason Covert, Columbus  
Linda L. Ebright, Columbus  
Lynne Thomas Falck, Columbus  
Maureen Anne Foley, Worthington  
Douglas Scott Freeman, Columbus  
Lawrence Alan Gallick, Columbus  
Lisa Anne Goldberg, Cleveland  
Victor Yasunaga Guinto, Brunswick  
Molly Leanne Hanson, Newark  
Tracee J. Hein, Columbus  
Andrew J. Horodysky, Richfield  
Mary Katherine Illes, Dayton  
Susan Jane Isaac, Worthington

Dorene Elizabeth Jenks, Columbus  
Janet J. Ko, Cleveland Heights  
Heidi Ann Lingg, Rocky River  
Kevin Neal Little, Lucas  
Brian Keith Matney, Marion  
Marcia S. McAvoy, Gahanna  
Nancy D. Messier, Columbus  
Frank George O'Hare, Worthington  
Mary Elizabeth O'Keefe, Mount Kisco, NY  
Carol Marie Paulson, Ashland  
Gregg Jonathon Pereira,sylvania  
Elizabeth Anne Ray, Upper Arlington  
Susan Oglesby Reeves, Clinton, NC  
Jill Laurette Ries, Granville  
Iris Evelyn Sandkühler, Wilmington, NC  
Gary Rex Scarbrough, Delaware  
Debra Gombert Segal, Columbus  
Elizabeth Jane Seymour, Gambier  
Chris Allan Shoemaker, Fredericktown  
AnnaLe Sloat, Columbus  
Daniel Frank Smith, Adario  
Linda Susan Anne Steck, Brookville  
Alden W. Stratton, Columbus  
Gail Lynn Thomas, Downers Grove, IL  
Rebecca Ann Turner, Columbus  
Mary Jean Van Almen, Mentor  
Randy Dale Wilkins, Urbana  
Lorie Grace Yoder, Walnut Creek  
Justine Louise Zollo, Queens, NY

### Bachelor of Music

Karen Ann Ball, Westerville  
Peter Hall Cary, Columbus  
Alice Virginia Clark, San Antonio, TX  
Noah David Cope, Jr., Oxford  
Sandra Lynn Fogg, Strasburg, VA  
James Joseph Keiter, Wilmington  
Douglas Metcalf Koyle, Canton  
Karen Sue Litterer, Reynoldsburg  
Robert Michaels, Hamilton  
Randall Allen Riffle, Grove City  
Richard Gerard Roeckner, Kettering  
Martha Jean Schoof, Whitewater, WI  
John Michael Yount, Bradford

### Bachelor of Art Education<sup>1</sup>

Timothy Alan Latimore, Columbus

### Bachelor of Art Education<sup>2</sup>

Marjorie West Benadum, WY  
Jane Marie Cera, Niles  
Joseph Grant Decker, Green Camp  
Lisa Lynn DeVoi, Plain City  
Melanie Ann Hindman, Columbus  
Louis Edward Tiberi, Columbus  
Cheryl Lynn Wadden, Lakewood  
Mitzi Jo White, Worthington  
Lori Ann Wright, Columbus

### Bachelor of Music Education<sup>2</sup>

Tami Lee Binion, Alliance  
John Bernard Coyle, Kettering  
Lisa Annette Cozad, Columbus  
Ben Alan Echard, Washington Court House  
Judith Ann Fischer, Circleville  
Joseph Scott Forsythe, Baltimore  
Juliet Elizabeth Groff Liggett, Columbus  
Susan Lynn Hanna, Marietta  
Angela Sue Hartle, Kettering  
David Keith Higgs, New Albany  
James Joseph Keiter, Wilmington  
Robini Douglas Kessler, Gahanna  
Laura Jean Lineberger, Lancaster  
Karen Lynn Marshall, Coshocton  
Nonon Glia Mooney, Millersport  
Ann Brandes Peeling, Bay Village  
Kenneth Delmer Peterkin, Avon Lake  
Tamara Susan Petty, Columbus  
Dawn Lorraine Smith, Logan  
Tamara Josephine Stoica, Flushing  
Joseph Brian Thomas, Columbus  
Robert Alfred Wade, Jr., Columbus  
William Ross Walker, Columbus  
Jennifer Sue Way, Canton  
Kevin Nile Wines, Wheelersburg

### Bachelor of Science in Audio Recording

Gregory John Bergmann, Marion  
Joanna K. Grigg, Stow  
Timothy Thomas Gruenhagen, Columbus

### Bachelor of Science in Industrial Design

Suzanne Louise Abbati, Worthington  
Debra Joy Abrams, Mayfield Village  
Wendy Sue Adams, Massillon  
Brian William A'Hearn, Cincinnati  
Laura Lynn Bauer, Youngstown  
Paul Eugene Bradley, Dayton  
Kenneth Ray Chance, Jackson  
Kathie Ellen Cheek, Lancaster  
Andrew J. Covault, Worthington  
Brian William Deep, Columbus  
Justin Randal Detwiler, Lima  
Edward Anthony Dorsa, Columbus  
John Martin Dye, Eaton  
Julie Ann Gayer, Urbana  
Bethany Leann Rogers Greene, Dayton  
Roderick Alton Harris, Lexington, KY  
Susan Marie Hessler, Columbus  
Philip F. Hobt, Columbus  
Lori J. Jarboe, Lansing, MI  
Charles W. Klein, Lorain  
Peter Andrew Koloski, Columbus  
Bruce Harold Kratochvil, Highland Heights  
Lawrence Joseph Krolak, Jr., Middleport, NY  
David William Laituri, Conneaut  
Mark Joseph Lampe, Worthington  
Kathleen Ann Leach, Columbus  
Barbara Ann Lichte, Sandusky  
Amy Jo Lieurance, Sunbury  
Michael Henry Mayer, Rocky River  
Guy R. McDannald, Westerville  
Rocky Lee Nutter, Huron

<sup>1</sup> Offered by the College of the Arts

<sup>2</sup> Offered by the College of  
the Arts and the College of Education

Martin Andrew Pieramico, Columbus  
 Linda M. Pugh, Columbus  
 Jed Rumora, Ashtabula  
 Mark Stuart Schneiderman, Uniontown  
 Brett Garth Steinhagen, Centerville  
 Louise Carey Utgard, Columbus  
 Regina A. Vetter, Portsmouth  
 Judith Ann Volzer, Burton  
 Nancy Lynn Walczak, Parma  
 Eric Cornell Wand, N. Miami Beach, FL  
 David Leonard Wells, Barnesville  
 Lee Arthur Willett, Mansfield

## College of Biological Sciences

Dean: Patrick R. Dugan

### Bachelor of Arts

Kevin Karl Bowman, Eida  
 Francine B. Eppy, Canton  
 Allen David Shaw, Lancaster  
 LeAnn Strock, Southington  
 Elio Ventresca, Columbus  
 Michael Hill Wright, Cypress, CA

### Bachelor of Science

David Sadri Alavi, Steubenville  
 Paul Joseph Alton, Mansfield  
 Paul Timothy Andreads, Cincinnati  
 Craig Alan Andreas, Marysville  
 Richard Lyle Bailey, Worthington  
 David Joseph Barton, Curtice  
 Kim Batchler, Philadelphia, PA  
 Lee Samuel Berman, Columbus  
 Diane Ellen Black, Akron  
 Celia Ann Blanchong, Westerville  
 Denise Lynne Blocker, Copley  
 Mark Gregory Bloom, Shadyside  
 Geoffrey Barton Blossom, Toledo  
 Michael Francis Bohley, Norton  
 John Andrew Bohmann, Columbus  
 Stephen Laurence Bolt, San Antonio, TX  
 Eric C. Bourekas, Warren  
 Robb Edgar Brown, Amherst  
 Todd Jonathan Brown, Columbus  
 Gregg Raymond Bruns, Cincinnati  
 Daniel Robert Bugoci, Mayfield Village  
 David Bushek, Worthington  
 Kevin Patrick Byrne, Columbus  
 Gail Ann Carney, Cuyahoga Falls  
 Jeffrey Bernard Casamento, Chesterland  
 James Vito Cicchese, Northridge, CA  
 Kathleen Ann Ciesiak, Brunswick  
 David Christian Colborn, Orient  
 Clifford Allen Cook, Akron  
 William Bryan Coon, Columbus  
 Edward James Cupler, Youngstown  
 Camila Curren, North Ridgeville  
 Timothy James De Leo, Warren  
 Sharon Lynn Dechert, Cincinnati  
 Jon Brooks Decker, Lancaster  
 Iveta Daina Dinbergs, Broadview Heights  
 Kent William Doherty, Worthington

James Owen Doone, Jr., Gahanna  
 Craig Allen Doupnik, Columbus  
 Nancy Eleanor Drescher, Rocky River  
 Paul Henry Dreyfuss, Miami, FL  
 Jean Marie Duddy, Quincy, MD  
 Brian Glenn Dunlap, Beavercreek  
 Norbert Nicholas Engelman III, Dayton  
 Tina Louise Evans, Galion  
 Blanche Susan Fahrner, Dayton  
 Mark Steven Fisher, Grove City  
 Patrick Oscar Flannery, Hamilton  
 Lowell Arick Forrest, Dublin  
 Rosemarie Foruria, Columbus  
 Bryan Alan Fox, Hide-A-Way Hills  
 Laurie M. Franks, Findlay  
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 Paul Reginald Gardner, Cincinnati  
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 Dale Alan Goodman, Mayfield Heights  
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 Robert Allen Greene, Beachwood  
 Hans Peter Guter, Columbus  
 Julie Ann Guthrie, Springboro  
 Anne Elizabeth Hallock, Columbus  
 Charleen Marie Hamilton, Allentown, PA  
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 Rebecca Ann Hart, Berea  
 Robert Joseph Heit, Miamisburg  
 David Alan Helms, Tiltonsville  
 Kathleen Ann Herrick, Toronto  
 Peter David Hucek, Columbus  
 Laura Yauch Huff, Columbus  
 Debra Sue Hurtt, Defiance  
 Denise Marie Janora, Bayonne, N.J.  
 Laurie Renee Ihlie, Youngstown  
 Barbara Marie Johanns, Paulding  
 Bonnie Lynn Johns, Lima  
 Cynthia Cay Johnson, Cincinnati  
 Cynthia Kaye Johnson, Circleville  
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 Joan Elizabeth Kasprzycki, Fairfield  
 Frazier Schorr Keck, Bay Village  
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 Lisa Ann Keller, Chesapeake  
 Susan Lynn Ketchner, Picayune, MS  
 Charles Ephraim Kichler, Cincinnati  
 Dean James Kioritsis, Upper Arlington  
 Teresa Marie Kobertitsch, South Euclid  
 Derrick Mark Kruger, Shaker Heights  
 Anne Michelle Kukral, Independence  
 Waldo Hermann Lanas, Columbus  
 Kenneth David Lang, Cincinnati  
 Charles Douglas Lawson, Hudson  
 Amy Louise Leber, Springfield  
 Andy Chi-An Lee, Columbus  
 Jeffrey D. Lieberman, Canton  
 Kathleen Lilly, Columbus  
 Amy Louise Loch, Galion  
 Mark Philip Long, Middleburg Heights  
 Regina Christine Long, Middletown  
 John Robert Madison, Jr., Salem  
 Taras Mahlay, Parma  
 Mintha Milagros Maltes, Arecibo, Puerto Rico  
 George E. Makroglou, Parma  
 David Gregory Mangels, Cincinnati  
 Gregory Michael Marciniak, Toledo  
 Frank Joseph Marino, Jr., Salem  
 Neal A. Marks, Akron

Christina Marie Martin, Columbus  
 Sheryl Ann Martin, Ashland  
 Charlotte Rose Braithwaite Martinez, Toledo  
 Kevin Brian McClure, Wooster  
 Ralph Dwight McGinnis III, Columbus  
 Michael Charles McVicker, Toledo  
 Erica Leah Meyer, Houston, TX  
 Deborah Elizabeth Miller, Brimfield  
 John Christopher Mitchell, New Philadelphia  
 Barbara Jeanne Mohler, Oberlin  
 Virginia Marie Molleran, Cincinnati  
 Celeste Elaine Moore, Hartsville  
 Kirby Ray Morris, Middletown  
 Ann Marie Morvai, Barberton  
 Michael Gerard Mulligan, Columbus  
 Jennifer Joan Murchake, Upper Arlington  
 Erle Douglas Murphey III, Payne  
 Mary Elizabeth Murphy, Akron  
 David Evan Neal, Perrysburg  
 Elizabeth Ann Ninke, Holmdel  
 Thomas Joseph O'Brien, Jr., Dublin  
 Menekse Bahar Oktener, Columbus  
 Marie Antoinette Parks, Columbus  
 Lon Douglas Patton, Sidney  
 Troy Denning Payner, Elyria  
 Gwen Ann Pearson, College Station, TX  
 Craig Douglas Perry, Franklin  
 Gary Martin Piorkowski, Twinsburg  
 Phyllis Jo Polas, Poland  
 Michael Politino, Plain City  
 James Roscoe Porter, Toledo  
 Neal John Postel, Middleburg Heights  
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### Bachelor of Arts

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## Bachelor of Arts

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 Dennis William Jacob, Gahanna  
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**School of Journalism**

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Michele Frances Mihaljevich, Columbus  
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**College of Administrative Science**

Dean: H. Justin Davidson

**Bachelor of Science in Business Administration**

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 Lori Elaine McClellan, Bloomdale  
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 Diane McConnell, Rocky River  
 Kelly Lynn McCormick, Dayton  
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 Yvette Sarah McGlothlin, Cleveland  
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 Michael James McLane, Sunbury  
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 Bridget Marie Meredith, Washington Court House  
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 Eric Andrew Michener, Parma  
 Amy Beth Mikan, Butler, PA  
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 Kelly Kristine Millard, Mansfield  
 Pamela Millard, Cincinnati  
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 David Charles Miller, Newark  
 David Eric Miller, Loudonville  
 Kimberly Sue Miller, Cincinnati  
 Marilyn S. Miller, Cleveland  
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 Michael Charles Miller, Orient  
 Orlan Ralph Miller, Columbus  
 Scott Louis Miller, Elyria  
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 Susan Allison Miner, Dayton  
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 Lisa Kay Stanga, Salem  
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 Richard Louis Wolf, Amherst  
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 Jose Antonio Gomez, Bay Village  
 Eileen Scullen, Youngstown  
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## College of Agriculture

Dean: Max Lennon

### Bachelor of Science in Agriculture

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 Glen Joseph Arnold, Waterford  
 Susan Michele Baker, Toledo  
 Amy Karla Balduff, North Fairfield

Ginger Jeannette Barker, Stow  
 Jonathan Robert Barr, Camden  
 Engelina Susanne Barrett, Mechanicsburg  
 Lynne Mary Barry, Powell  
 Seth Bryan Berman, Buffalo, NY  
 Todd Andrew Boeck, Jamestown  
 JoAnne Booker, Columbus  
 Bruce Jon Boos, Norwalk  
 James Bradshaw, Poland  
 Lowell Derwin Briggs, Jr., Lakewood  
 Sherri Lynn Brogan, Pickerington  
 Gregory Allen Bundy, Pataskala  
 Tracy Bernadette Burge, Centerville  
 Jon Alan Byers, Loudonville  
 Amy Marie Chronister, East Liverpool  
 Kirt James Clark, St. Marys  
 William John Clinger, Marion  
 David Blair Cody, Cincinnati  
 Christy Sue Collins, Bethesda  
 Brian Keith Colopy, Danville  
 Diane Kay Conley, Ada  
 Martha Lynn Corbett, Belmont  
 Susan Elaine Cox, Arcanum  
 Michael Edward Crosland, Jr., Clarksville  
 David R. Custer, New Carlisle  
 Kathryn Helen Danko, Youngstown  
 Joy Ariene Davidson, Quincy  
 James Arthur Davis, Gibsonburg  
 Gina Marie DeChant, Rocky River  
 Daryl Warren DeGroff, Perry, NY  
 Jill Ann Deibel, Fresno  
 Peter Francis DeMarco, Hewlett, NY  
 Jeffrey Stephen DeRosa, Toledo  
 Cynthia L. Dill, Northfield  
 Karen Rene Dodd, Amherst  
 John Wendell Douglass, Marshfieldville  
 Daniel Christopher Drought, Geneva  
 Scott Richard Drown, Bellefontaine  
 Dale Thomas Dues, St. Marys  
 Mark Stephen Ehrhardt, Medina  
 David Phillip Ernsthausen, Pemberville  
 Michael John Estdad, Zanesville  
 Brenda Sue Evans, Hiram  
 Andrew Craig Fagerstrom, Johnstown  
 Amy Susan Farley, North Canton  
 Juliana Fifik, Euclid  
 Cheryl Coralee Fike, Clinton  
 Mark Steven Florman, Lyndhurst  
 Amanda Lee Foster, Risingsun  
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 Leslie Maude George, Kettering  
 Lori Anne George, Port Clinton  
 Richard Brian Gilhouse, Toledo  
 Mark Curtis Goehler, Norton  
 Matthew Joseph Gottberg, Lisbon  
 Kevin Goudy, Columbus  
 Donald Thomas Grace, Broadview Heights  
 Gregory Scott Grady, Westerville  
 Pamela Allison Green, Hollis, NH  
 Rita Zink Gregorek, Worthington  
 Karen Michele Grodhaus, Worthington  
 Marcy Helen Gronbach, Gahanna  
 Michael Robert Handorf, Maineville  
 Robin June Harris, Bristolville  
 Maureen Elizabeth Harter, New Albany  
 Charles John Hempfling, Delphos  
 Jeanette Louise Henry, Milan  
 Scott Edward Hess, Urbana

Scott Eugene Higgins, Sunbury  
 Douglas Allan Hoberty, New Carlisle  
 Mark Frederic Hofacre, Dalton  
 James John Hoorman, Ottawa  
 Douglas Forest House, Wooster  
 Donna Jo Hughes, Kettering  
 Elaine Marie Jones, Carrollton  
 David Michael Kahle, Spencerville  
 Daniel Leake Kautz, Castalia  
 William Scott Keck, Zanesfield  
 John Niall Kelleher, Bellbrook  
 James Justin Keplinger, Springfield  
 Jonathan Wayne Kepner, Hartford  
 Jonathan Scott Ketrone, Eaton  
 Ronald Willis Kibler, Columbiana  
 Nils David Klamoth, Bexley  
 LouAnn Kohring, Pemberville  
 Terry Ray Krukemyer, Pemberville  
 Lori Ann Lautenschlager, Belle Center  
 Kevin John Lawler, St. Marys  
 Micheleene Leach, Olmsted Falls  
 Barbara Ann Lightner, Camden, NJ  
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 Lisa Kay Mackail, Columbiana  
 Samuel Blair Mackenzie-Crane, Columbus  
 Timothy John Malinich, Poland  
 Claudia Suzanne Mann, West Carrollton  
 Mitchell Elrod Mason, Carroll  
 Thomas Edward McCormick, Carroll  
 Gregory Scott McGuire, Circleville  
 Susan Carol McKarns, Salineville  
 James Otis McKee, Dayton  
 Donna Marie McLaughlin, Bay Village  
 Mark Samuel Mellingier, Leetonia  
 Eric James Mihalow, Strongsville  
 Lynn Hastings Miller, Raymond  
 Robert John Miller, Franklin, NJ  
 Preston Edward Moore, Mt. Vernon  
 Mark Charles Morlock, Wayne  
 Marie Therese Morningstar, Toledo  
 Richard Patrick Muhlenkamp, Celina  
 Jean Marie Murphy, Deerfield  
 Thomas Eugene Muth, Grafton  
 Steven Eric Myers, Dover  
 Douglas Alan Neer, Jackson  
 Harold Lee Niehaus, Jr., Oxford  
 Janet Mary Oberliesen, Worthington  
 Wendy Lynne O'Desky, Toledo  
 Timothy Glenn Osborn, Blanchester  
 Sheila Marie O'Sullivan, Ashland  
 Melanie Sue Parks, New Concord  
 Carolyn Marie Patrick, Westlake  
 James Edward Patton, Hillsboro  
 James Lynn Pearl, London  
 Jay Michael Pochedly, Hiram  
 Paul Aloysius Pohman, Delphos  
 Kurt Reed Poling, Dunkirk  
 Deborah Anne Portwood, Columbus  
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 Diane Marie Ranta, Dayton  
 John Edward Rath, Montpelier  
 Edwin Louis Rausch, Milford Center  
 Kimberly Britt Redding, Kenton  
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 Steven Lee Rickenbacher, Kenton  
 Gerald Eugene Roach, Jr., Gallipolis  
 Brian Jeffrey Rohrig, Smyrna, GA  
 Todd Lowell Rossman, Jenera

Karen Sue Rudder, Camden  
 Thomas Allen Ruehle, Bucyrus  
 William Phillip Ruffing, Norwalk  
 Peter Levi Rupp, Wauseon  
 Jeffrey William Santee, Wadsworth  
 Gloria Agnes Santin, Toronto  
 David Thomas Scott, Canton  
 William Scott Shelton, Powell  
 Deborah Ann Shoup, Mansfield  
 Beth Anne Smith, Bellefontaine  
 Jessica Lynne Smith, Athens  
 Kevin Andrew Smith, Fairview Park  
 Kyle Lee Smith, Weston  
 Kevin William Snyder, Walbridge  
 Jon Guilford Sommers, Windsor  
 Gary Alan Sorrell, Columbus  
 Michael Lee Spaulding, Cadiz  
 Phillip Allen Stahl, North Benton  
 Susan Elizabeth Stant, Westerville  
 John Luther Steiner, Columbus  
 Martha Ann Stock, Canton  
 Nicholas Ralph Stollar, Fleming  
 Michael Richard Stone, Oak Harbor  
 David Arthur Surber, Hillsboro  
 Thomas Eugene Swank, Geneva  
 Christopher Allan Thompson, Sidney  
 Janay C. Thompson, Belore  
 Kent Alan Thompson, Carrollton  
 L. Keith Thompson, Canton  
 David Charles Thorbahn, Vickery  
 John Ernest Thurman, Willoughby  
 George Kevin Tippet, Westerville  
 Kenneth Michael Tischler, Lakewood  
 Evan Charles Titgemeyer, Napoleon  
 Mark Paul Townsley, Springfield  
 Todd William Troy, Mt. Vernon  
 Keith Robert Truckor, Swanton  
 Douglas Paul Turnbull, Ashville  
 Scott Nicholas Twary, Stephenson, VA  
 Rodney Wade Tyler, Parma  
 Theresa Anne Uher, Millbury  
 Suzanne Marie Veaudry, Rutland, MA  
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 Barry Joseph Von Der Embse, Kalida  
 Charles John Waldoock, Sandusky  
 John M. Wallbrown, Deerfield  
 Phillip Brian Wenig, Bowling Green  
 Pamela Lynne Wenning, Butler  
 Linda Marie Werner, Mentor  
 Dorianne Westfall, Lewisburg  
 Margery Anne Wickersham, Bellefontaine  
 Christopher Mark Wiedle, Clyde  
 John George Williams, Shelby  
 David Clark Wilson, Baltimore  
 Kent Van Wilson, Jenera  
 Suzanne Townsley Winkle, Marysville  
 Ronald Lee Winland, Zanesville  
 MaryAnn Elizabeth Woodruff, Willard  
 Debra Sue Woolever, Pickerington  
 Sandra Kay Woolever, Pickerington  
 John Douglas Youngkin, Marysville  
 Dean Edward Zimmer, Marietta  
 Lynn Kay Zucker, Bucyrus

#### Bachelor of Science in Food Science

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 Thomas James Campagnolo, Bayonne, NJ  
 Ann Merilee Kensler, Hilliard

Laurel Cain Krielow, Chagrin Falls  
 Carey Ruth Mohnasky, Maple Heights  
 Laura Marie Romito, Ravenna  
 Mary Sue Welling, West Chester

#### Bachelor of Science in Food Technology

Walter Thomas Davlin, Sandusky  
 Ann Marie Hoying, Minster  
 James Andrew Jindra, Oak Hill  
 Lucille Marie Morgan, Barberton  
 Valerie Ann Nesser, Columbus  
 Paulette Marie Platto, Strongsville  
 Michelle Anna Spaulding, Cleveland  
 Jennifer Lynne Styers, Waterville  
 David Eugene Tschantz, Willoughby Hills  
 Margaret Kay Watkins, Columbus

#### Bachelor of Science Nutrition

Gregory Scott Hellwarth, Celina  
 Kimberly Ann Kampman, Chagrin Falls  
 Jeannette Marie Morgan, Lyndon

#### School of Natural Resources

##### Bachelor of Science in Natural Resources

Jeffrey Alan Althouse, Columbus  
 Joel John Anderson, Cincinnati  
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 Jean Maria Backs, Lima  
 Gregory Robert Balogh, Bay Village  
 Janet Sue Baumgardner, Akron  
 Daniel Kevin Bower, Columbus  
 Timothy Lee Brooks, Carrollton  
 Susan E. Brown, Port Clinton  
 Carolyn Beth Caldwell, Cambridge  
 Steven Ray Campbell, Mansfield  
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 Larry Dean Christian, Columbus  
 Christine Louise Cochran, Napoleon  
 Rhonda Lynn Conner, Lima  
 Patrick David Cuellar, Circleville  
 David Clark Decker, Columbus  
 Kenneth Alan Doak, Bedford  
 Valerie Ann Dorn, Washington Court House  
 Robyn Lynn Eckley, Columbus  
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 Cynthia Marie Gerych, Middleburg Heights  
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 Randy A. Hilkert, Canandaigua, NY  
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 Carol Sue Humphrey, Lakewood  
 Linda Lee Hutchinson, Kettering  
 Kenneth Earl Jacquot, Cincinnati

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 Bruce Franklin Moore, Alexandria  
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 Michele Morrone, Lawrenceville, NJ  
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 Jane Anne Roadcup, Columbus  
 Lisa Jo Row, Columbus  
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 Thomas Soeder, Northfield  
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 Russell Curtis Swain, Blacklick  
 Michael Wayne Swisher, North Royalton  
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#### Agricultural Technical Institute- Wooster

##### Associate in Applied Science

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 Kevin Lee Arbough, Jewett  
 Ann Armao, Beachwood  
 Susan Renae Armstrong, Sugar Grove  
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 Michael Leonard Beardsley, Canfield  
 Lisa Beth Blumenschine, Toledo  
 Gene Edward Brinkman, Arlington  
 L. Richard Butler, Jr., North Olmstead  
 Bernard Clarence Caldwell, Beaver Creek  
 Elaine Andrea Carr, Wadsworth  
 Steven Ray Chandler, Lebanon  
 Mark Alan Cline, Risingsun  
 James Timothy Collins, Toledo  
 Peggy Lorraine Cummins, Southington  
 Jeffrey Jay Davis, Newark  
 Timothy Kent Dietrich, Clarington  
 Paula Ann DiMedio, Haddonfield, NJ  
 Hugh Andrew Drake, Sylvania  
 Robin Victoria Dunham, North Ridgeville  
 Jana Elizabeth Dunson, Bellefontaine  
 Michael Lawrence Duszynski, Toledo

Robert Eugene Ebbeskotte, Delphos  
 James Carl Ebert, New Alexandria, PA  
 Katherine Deane Ellis, Wooster  
 Lucille Ruth France, Coshocton  
 George William Furrer, Ravenna  
 David J. Gillis, Sterling  
 David Thomas Grafton, Steubenville  
 Michael Allen Hambach, Canton  
 Paula Therese Heppler, Fairview Park  
 Ruben Alberto Herrera, Elmore  
 Eric Scott High, Ohio City  
 Brian Douglas Hill, Zanesville  
 Paul Ernest Hofer, Akron  
 Timothy Daniel Holliker, Waterville  
 Neil Christopher Huffman, Attica  
 Wayne John Impulitti, Highland Heights  
 Steven Daniel Ivory, Maple Heights  
 Walter George Johnson, Franklin  
 Patricia Ann Kauffman, Covington  
 Anton Edward Kava, Brunswick  
 Rosalie Marie Keller, Marion  
 Kimberly Sue Kendall, Lakewood  
 Terry Alan Kick, Loudonville  
 Jon Michael Kinsey, Homeworth  
 Marie Louise Kinwin, Columbus  
 Dianne Kay Kistner, Monclova  
 Kenneth A. Kresina, Solon  
 Daniel Clayton Lay, Delta  
 John Alan Leggett, Lodi  
 James Joseph Lesniak, Hartsville  
 David John McKoski, Tallmadge  
 Rick E. McQuillin, Wauseon  
 Anita Marie Magan, Charleston, WV  
 Peter Thomas Malak, Novetty  
 Lisa Malmer, Canfield  
 Barbara J. Marley, Middle Point  
 Mark Edward Marteeny, Somerset, PA  
 Susan Amanda Metz, Botkins  
 George Gregory Miller, Rocky River  
 Kevin Ray Miller, Celina  
 John Joseph Molyet, Fremont  
 Glenn Richard Moore, Jr., Uniontown  
 Deanna Marie Moritz, Arcanum  
 Kevin Michael Mutti, Stonecreek  
 Edwin John Nagel, Archbold  
 Mary Kay Theresa Naseman, Troy  
 Charles Edward Nevergall, Celina  
 James Edward Nicula, Fowler  
 Roger Joseph Niese, Shelby  
 Hope Ann Nildas, Hartsville  
 Betsy Rose Oesch, Shelby  
 Ronald Lee Offenberger, Lowell  
 Robert Russell Ostrmann, Rocky River  
 Penni Joy Pelich, Brecksville  
 James Gerald Pierce, Bristolville  
 Christine Marie Pietrzyk, North Royalton  
 Franklin Eugene Piper, Dorset  
 Daniel J. Reams, Massillon  
 David John Rees, Lakewood  
 Leonard John Remias, Jr., Youngstown  
 Robert Roy Riddle, Pemberton  
 Jeffrey Lee Rohlf, Defiance  
 Steven William Rohlf, Defiance  
 Todd Andrew Ronski, Westerville  
 Karen L. Roth, Chesterland  
 James Clement Ruffing, North Olmsted  
 Mark Alan Rupp, Pettisville  
 Sheila Ann Rush, Doylestown  
 Kenneth Lawrence Scaife, Tiffin

Peter Thomas Schade, Olmsted Twp.  
 Brenda Lee Scholl, Columbus  
 William Craig Schreiner, Akron  
 Charles George Schwanger, Monroeville  
 Daria Mandrych Smith, Medina  
 John Clinton Stier, Troy, MI  
 Timothy John Stump, Findlay  
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 James Gavin Todaro, Wooster  
 Jack David Tripp, Sylvania  
 Denyse Lydia Velick, Lyndhurst  
 Clyde Ellis Wessel, New Knoxville  
 Lisa Ann Whalen-Smith, Wooster  
 Christopher Lee Whitney, Columbus  
 Wayne Hively Witmer, Columbiana  
 Deborah Ann Wood, Baltimore  
 Joseph Randall Wooster, Fowler  
 Scott Andrew Young, Mansfield

## College of Dentistry

Dean: William R. Wallace

## Doctor of Dental Surgery

Robert Scott Anderson, Cincinnati  
 B.A. (The College of Wooster)  
 B.S. (The Case Western Reserve University)  
 Jeffrey Lawrence Angart, Cleveland  
 B.S.  
 James Douglas Aust, Toledo  
 B.S. (Bowling Green State University)  
 James Vaughn Baker, Kent, WA  
 B.A. (University of Washington)  
 Richard William Bates, Harrison  
 B.S. (Virginia Military Institute)  
 Portia J. Bell, East St. Louis, IL  
 B.S. (Indiana State University)  
 Michael Frederick Biggert, Springfield  
 B.S. (Wright State University)  
 Richard Francis Bis, North Olmsted  
 B.S. (University of Notre Dame)  
 David John Blank, Cleveland  
 B.A. (Kenyon College)  
 Gregory Alan Blythe, Delphos  
 B.S.  
 Steven Richard Bono, Kittanning, PA  
 B.S. (Juniata College)  
 James Charles Braun, Dayton  
 B.A. (Miami University)  
 Gary Allen Breymaier, Waterville  
 B.A. (University of Toledo)  
 Gail Ellen Brossok, Hilton Head Island, SC  
 B.A. (Simmons College)  
 Paul Tway Brown, Groveport  
 B.S.  
 Walter Charles Buchsieb II, Centerville  
 B.S.

James D. Burson, Bellevue  
 B.A. (Miami University)  
 Richard R. Bush, Marion, NY  
 B.S. (Muskogum College)  
 Lee Edward Byerly, Carroll  
 B.S.  
 Dean Allen Carmichael, Parma  
 B.S.  
 Jorge Roberto Ceturion Lopez Oña, Coral Gables,  
 FL  
 B.A., B.S. (University of Notre Dame)  
 Patrick Allan Chaney, Newton Falls  
 B.S. (Heidelberg College)  
 James Robert Cole, Erie, PA  
 B.S. (Gannon University)  
 Clifford Allen Cook, Akron  
 B.S.  
 Thomas Arthur Coombs, Saginaw, MI  
 B.S. (Michigan State University)  
 Frank Edward Cordray, Jr., Grove City  
 B.A. (Miami University)  
 Louis John Corrado, Pittsburgh, PA  
 B.S. (Marietta College)  
 Richard Edward Corwin, Hamilton  
 B.S. (Miami University)  
 Dennis James Custer, Lancaster  
 B.S., M.S.  
 Michael Walter Dagostino, Parma Heights  
 B.S.  
 William Patrick Davis, Jr., Cuyahoga Falls  
 B.S. (Kentucky Wesleyan College)  
 Jon Brooks Decker, Sugar Grove  
 B.S.  
 Daniel Louis DeFazio, Hamilton  
 B.S.  
 Mark Daniel DeGenova, Poland  
 B.S. (Youngstown State University)  
 Anthony Michael Deliberato, Garfield Heights  
 B.S. (Kent State University)  
 Louis Andrew Demeter, Toledo  
 B.A. (University of Toledo)  
 Joseph Michael DePalma, Richmond Heights  
 B.S. (Bowling Green State University)  
 Michael David Derosa, St. Clairsville  
 B.S.  
 Salvatore Marc DiBenedetto, Dayton  
 B.S. (Wright State University)  
 Gregory Thomas Droba, Warren  
 B.S.  
 Gary David Drollinger, Medina  
 B.S.  
 Robert Joseph Dunick, Struthers  
 B.S. (Youngstown State University)  
 Victor Martin Dutko, Jr., Youngstown  
 B.S. (Youngstown State University)

Robert A. Dycman, Youngstown  
B.S.

Paul Thomas Edwards, Liverpool, N.Y.  
B.S. (St. Lawrence University)

Thomas Scott Emerson, Lisbon  
B.S. (Mount Union College)

Richard Worsham Emmert, Columbus  
B.A. (Otterbein College)

Leonard Thomas Gaglione, Shaker Heights  
B.S. (Denison University)

George Roberts Galehouse III, Akron  
B.S. (University of Akron)

George Richard Getschman, Birmingham, MI  
B.S. (Alma College)

M.P.H. (University of Michigan)

Keith Alan Gilbert, Chesterland  
A.B. (Stanford University)

Beverly Ann Goodman, Pontiac, MI  
B.S. (University of Michigan)

Sheilah Mae Gray, Chillicothe  
Cert. Grad. Dent. Hyg.,  
B.S. (Ohio University)

George James Gulu, Campbell  
B.A.

Alfred H. Hartkopf, Sylvania  
B.A. (University of Toledo)

Robert Jeffrey Heinrichs, Attica  
B.S.

Francis Dean Henize, Xenia  
B.S. (Wright State University)

Eric Charles Hlatky, Akron  
B.A. (Case Western Reserve University)

Patrick Joseph Hoban, Cincinnati  
B.S. (University of Cincinnati)

James Anderson Hoddick, Tonawanda, NY  
B.S. (John Carroll University)

Cheryl Lynn Hoffman, Cincinnati  
B.S. (University of Kentucky)

Peter John Huling, Westerville  
B.A. (Miami University)

Bradley K. Jeren, Youngstown  
B.S.

Henry Christopher Jeu, Flossmoor, IL  
B.S.

John William Johnson, Yellow Springs  
B.A. (Miami University)

George Peter Jonson, Dayton  
B.S. (Wright State University)

Richard Joseph Jurevic, Columbus  
B.S.

Paul Michael Kaput, Middleburg Heights

Kevin Ray Kast, Payre  
B.A. (University of Toledo)

Jody David Kear, Mansfield  
B.A. (Case Western Reserve University)

Brian Joseph Kelleher, Columbus  
B.S.

Matthew John Kelly, Dayton  
B.S.

Myron Adrian Klos, Independence  
B.S. (University of Cincinnati)

Martin Leo Kowalski, Brooklyn, NY  
B.A. (Brooklyn College)

Orest Bohdan Kowalsky, Cleveland  
B.S.

Robert Paul Krauss, Columbus  
B.S.

Mark Michael Kubic, Youngstown  
B.S. (Youngstown State University)

James Walter Kwasniak, Toledo  
B.A. (University of Toledo)

John Francis Learner, Cuyahoga Falls  
B.S. (University of Akron)

Jerome Alan Lechlak, Toledo

Michael Henry Leone, Poland  
B.A. (Youngstown State University)

Ronald Eliot Levine, Baldwin, NY  
B.S. (State University of New York at Albany)

Douglas Da-Ching Lin, Lima  
B.S.

David Scott Lipps, Westerville  
B.S. (University of Cincinnati)

David Victor Loveday, Columbus  
B.S.

Elizabeth Gecowets Loveday, Westerville  
B.S.

Jeffrey Michael Lowd, Shaker Heights  
B.S. (University of Notre Dame)

Michael Henry Marotta, Highland Heights  
B.S. (Cleveland State University)

Christina Marie Martin, Columbus  
B.S.

Rick Vaughn Mason, Warren  
B.S. (Youngstown State University)

Timothy Alan McDuffee, Toledo  
B.S.

Michael Charles McVicker, Toledo  
B.S.

Patrick Daniel Michel, Cincinnati  
B.A. (St. Louis University)

David Robert Milne, Middleburg Heights  
B.S.

Timothy Hamman Moore, Columbus  
B.A. (Wittenberg University)

Michael Martin Mott, Paulding  
B.A. (Miami University)

Randall Walter Nameth, Rayland  
B.S.

Vannah Ellen Nantz, West Carrollton  
B.S. (University of Dayton)

Bessie E. Nicholas, Sylvania  
B.A. (University of Toledo)

Wesley McCall Nida, Marietta  
B.S.

Thomas Joseph O'Brien, Jr., Dublin  
B.S.

William Redford O'Conner, Cincinnati  
B.S. (Xavier University)

Thomas John Perrino, Cincinnati  
B.S. (Xavier University)

Steven Lee Pine, Fairborn  
B.S. (Wright State University)

Nancy Louise Reeves, Chagrin Falls  
B.A. (Miami University)

Russell Thomas Reynolds, Utica, MI  
B.S., M.S. (University of Michigan)

Jose Emilio Ribo, Miami, FL  
B.S. (Ohio University)

Robert Stern Rofsky, Columbus  
B.A.

James A. Salerno, Niles  
B.A. (Hiram College)

Rudolf Frederick Schimon, Rochester, MI  
B.S. (Michigan State University)

William David Schmerge, Cincinnati  
B.S. (Xavier University)

George Milton Shepherd III, Mingo Junction  
B.S. (Ohio University)

Richard Lee Sherwood, Jr., Centerville  
B.A. (Miami University)

Samuel Eugene Smiley III, New Port Richey, FL  
B.S.

Thomas William Snyder, Willoughby  
B.S.

Steven M. Southwood, Cincinnati  
B.A. (Miami University)

Mark Andrew Springer, Delaware  
B.A. (Ohio Wesleyan University)

M.S. (Wright State University)

Paul James Steigenwald, Cleveland  
B.S. (Case Western Reserve University)

Gregory Charles Stepanski, Seven Hills  
B.S. (University of Notre Dame)

Daryl Mark Stewart, Washington Court House  
B.A. (Miami University)

Timothy Paul Sulken, Columbus  
B.A. (Wittenberg University)

Michael Graham Tanner, Toledo  
B.A. (Williams College)

M.Ed. (University of Toledo)

Bruce Edward Treiber, Canton  
B.S.

Roger Lee Veith, Blue Ash  
B.A. (Indiana University)

David Howard Verzella, Wellsville  
B.S.



Michael Robert Vorherr, Cincinnati  
B.S. (University of Cincinnati)

Michael Ernest Wahl, Tiffin  
B.S. (Bowling Green State University)  
Yohannes Waret, Gimbe, Ethiopia  
B.A. (Middle East College)  
M.P.H. (Loma Linda University)

David Anthony Weaver, Perrysburg  
B.S. (Bowling Green State University)  
Michael Alan Whitefield, Southfield, MI  
B.G.S. (University of Michigan)

Christopher Blaine Wiley, Perrysburg  
B.S. (John Carroll University)

Bernard Julius Wilker, St. Mary's  
B.S.

Edward Winthrop Wilson III, Cincinnati  
B.A. (Miami University)

Jeffrey Allen Wilson, Canal Winchester  
B.S. (Ohio University)

Michael Stephen Winick, Canton  
B.S. (Ohio University)

Bruce Alan Winter, Warren  
B.S.

Robert H. Wolcott, Eaton Rapids, MI  
B.S. (Grand Valley State College)  
M.S. (University of Cincinnati)

Robert William Woodworth, Youngstown  
B.S. (Youngstown State University)

Hugh Thomas Wunderlich, Tipp City  
B.A. (Miami University)

Brian J. Yee, Parma Heights

Thomas William Zulliger, Lima  
B.S.

## Certificate of Graduate Dental Hygienist

Maria G. Antoniadis, North Canton  
Maryann Aumiller, Elyria  
Belinda Lou Back, Middletown  
Carol Marie Baumann, Centerville  
Susan Ann Berry, Defiance  
Celia Ann Blanchong, Westerville  
Christy Sue Brislinger, Logan  
Elizabeth Anne Brown, Thornville  
Sylvia Beathe Byholt, Norcross, GA  
Gail Ann Carney, Cuyahoga Falls  
Kelly Ann Chapman, Columbus  
James Vito Cicchese, Northridge, CA.  
Denise Darlene Coffman, Springfield  
Joan Marie Corsi, Rocky River  
Julie Ann Crawford, Columbus  
Elizabeth V. Dietrich, Akron  
Mary Myrna Dooley, Medina  
Francine Beth Eppy, Columbus  
Genevieve Rose Ezzo, Canastota, NY  
Blanche Susan Fahrner, Dayton  
Cynthia Ann Felter, West Milton  
Susan Lynn Fertel, South Euclid  
Susan Lee Flint, New Vienna  
Barbara Ellen Frasz, Mansfield  
Barbara Jean Furlow, Canton

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Catherine Ann Gleason, Dayton  
Karen Harnetty, Westerville  
Debra Sue Hurr, Defiance  
Stephanie Sonkin Kess, Beachwood  
Teresa Marie Kobetitsch, South Euclid  
Carol Lee Komara, Poland  
Lisa Ann Kuhn, Caldwell  
Sheryl Anne Lawyer, Columbus  
Sandra Jean Machock, Columbus  
Debra Lynn Mardosa, Port Clinton  
Corlyn Rae McGinty, Mansfield  
Marsha E. McNutt, Butler  
Shirley Jean Metcalf, Lucas  
Cynthia Kay Mingus, Berlin Heights  
Lynn Marie Mlakar, Lorain  
Sherry Dawn Mullins, Orient  
Jodel Marie Neary, Columbus  
Amy Jill Okun, Toledo  
Cindy Helene Orr, Medina  
Patricia Pali, Lyndhurst  
Diane Pavalko, Canfield  
Mary Clare Pejeau, Rocky River  
Nancy Ellen Poeetter, Wadsworth  
Paula Jean Pressler, Castalia  
Debra Leigh Rasor, Seville  
Janice Marie Reynolds, Port Clinton  
Margaret A. Rueve, Cincinnati  
Tina Elizabeth Schiely, Columbus  
Kathryn Ann Schmitt, Centerville  
Jan Marie Scott, Orrville  
Kim Leslie Shaw, Uhrichsville  
Tamera Lynn Shepard, Troy  
Jennifer Sue Shrader, Triplett, NC  
Jill Yvonne Snyder, Bay Village  
Deborah Ann Staric, Columbus  
Cheryl Louise Strain, New Carlisle  
Mary Elizabeth Thomas, New Philadelphia  
Tamara Maureen Underwood, Newark  
Jill Cormany Wade, Columbus  
Julie Ann Water, Columbus  
Sandra Kay Williamson, Columbus  
Nancy Gina Workman, Danville  
Tracey Lee Yeager, Cincinnati  
Michele Paige Zeitlin, Wayne, NJ  
Lisa Lang Zuefle, Portsmouth

## College of Education

Dean: Donald P. Anderson

## Bachelor of Science in Education

Lamara Abubakar, Bauchi, Nigeria  
Andree Maria Akers, Choctawhatchee  
Linda Anne Albright, Troy  
Margaret Elizabeth Amos, Worthington  
Donna Sue Andrews, Newark  
Gretchen Anne Anthony, Columbus  
Maria G. Antoniadis, North Canton  
Kimberly Ann Artledge, Jacksonville, FL  
Thomas Gerald Armstrong, Reynoldsburg  
Susan Diane Arnold, Columbus  
Lori Elizabeth Asher, Mansfield  
Cheryl Lynn Bachman, Columbus  
Belinda Lou Back, Middletown

Amy Lynn Baden, Pepper Pike  
Kathryn Lynn Baker, Vermilion  
Vicki Elizabeth Banas, Canal Winchester  
Paula Sue Barker, Columbus  
Cynthia Poling Bechtel, Broomfield, CO  
Margaret Mary Beery, Columbus  
Ronna Gayle Beery, Newark  
Ned David Bell, Columbus  
David Alan Benecke, Napoleon  
Karin E. Berry, Vermilion  
Laura Leigh Beyer, Jeromesville  
Leslie Ann Beyer, Kettering  
Andrew Salvatore Bianco, Jr., Lima  
George Blokonsky, Cleveland  
Michele Lee Bils, Columbus  
Adamu Tubi Bitkon, Bauchi, Nigeria  
Barbara F. Blackstone, Delaware  
Linda Sue Bobb, Grove City  
Margaret Ann Bockelman, Cincinnati  
Carolyn Ann Boesch, Johnstown  
Amy Houser Bogan, Sunbury  
Amy Suzanne Bogart, Groveport  
Gretchen Borel, Columbus  
Lonette Lee Boss, Wooster  
Joseph Michael Bowers, Englewood, CO  
Tracy Lynn Bowling, Columbus  
Richard Alan Brindley, Dennison  
Kevin Leo Brinkman, Ottawa  
Christy Sue Brislinger, Logan  
Bernhard Gerald Brown, Marietta  
Beverly Jenkins Brown, Columbus  
Elizabeth Anne Brown, Thornville  
Greig Louis Brown, Granville  
Janet Solt Brown, Grove City  
Scott Alan Bruns, Shelby  
Marvin Darrell Buchanan, New Bloomington  
Judith L. Buckley, Delaware  
Angela Cerise Buckner, Columbus  
Lorraine M. Buettner, Canal Winchester  
Beth Ann Bullock, Circleville  
Judith Ellen Bumgarner, Prospect  
Robin Leah Burnett, Gallopis  
Lawrence D. Burns III, Carroll  
Marial P. Burr, East Orange, NJ  
Patricia Jean Cameron, Reynoldsburg  
Lizanne Gaye Campbell, Gahanna  
Debi Kay Case, Circleville  
Mary Sue Caster, Columbus  
Melanie Raye Chaffin, Columbus  
Kathryn Lee Champlin, Akron  
Kimberly Marie Clauss, Canton  
Gina Lynn Clifton, Beavercreek  
Daria Louise Close, Bowling Green  
Jane Marie Clouse, New Riegel  
Denise Darlene Coffman, Springfield  
Teri Lee Cohodes, Columbus  
Kathleen Ann Colaner, Bowling Green  
Jill Ann Compton, Cincinnati  
Kevin Jay Condon, Columbus  
Noula Sardelis Kontakis, Columbus  
Joyce Lee Cook, Alger  
Steven Edward Corbin, Lima  
Joan Marie Corsi, Cleveland  
Diane Sue Cozad, Springfield  
Tonya Marie Craig, Columbus  
Julie Ann Crawford, Columbus  
Michael Byron Crisp, Reynoldsburg  
Maria Teresa Cuetto, Columbus  
Alice Louise Cullen, Vienna

Betty Lou Cunningham, Cairo  
 Sherry Lynn Daniel, Elyria  
 Tracy Lynne Daniels, Marion  
 Ann Ibbetson Davis, Zanesville  
 Linnet Lee Davis, Westerville  
 Margaret Mary Davis, Worthington  
 Marsha Kay Davis, Newark  
 Mary Beth Davis, London  
 Jeffrey Lynn Dawson, Galion  
 May Lin Dawson, Columbus  
 Jacqueline Kay Dennison, Granville  
 Daniel A. DePaso, Worthington  
 Molly Elizabeth Desmond, Toledo  
 Catherine Joy Devendorf, Fulton, NY  
 David Dwayne Dewese, Kenton  
 Elizabeth V. Dietrich, Akron  
 Nancy Anne Diley, Lancaster  
 Mary Myrna Dooley, Columbus  
 Linda Kay Drake, Pickerington  
 Diane Mae Drotar, Cincinnati  
 Judy Lynne Dukes, Pandora  
 Donald Eugene Earley, Mansfield  
 Carrol Ann Echelberger, Mansfield  
 Karen Bradley Edwards, Edison  
 Linda Mary Edwards, Riverside, CA  
 Robin Ray Ehman, Galion  
 Denise Louise Eiermann, Euclid  
 Dorena Anne Elliott, Bellefontaine  
 Robin Lynn Elliott, Worthington  
 Pamela Lorraine Ellison, Youngstown  
 Beverly Diane Ely, Sidney  
 Shellie Darcel Fair, Delphos  
 Michael Lee Farley, Columbus  
 Robert Jay Farson, Waldo  
 Mary Jennifer Faure, Columbus  
 Susan Lynne Ferabee, Ashland  
 Charlene Ann Fetters, Nevada  
 Dennis E. Fields, Columbus  
 Karen Lee Findley, Toledo  
 David Paul Fink, Rocky River  
 Margaret Blanche Firm, Toronto  
 Marveen E. Fishman, Columbus  
 Valerie Ann Fleckenstein, Ashtabula  
 Susan Lee Flint, New Vienna  
 Julie Ann Flory, Twinsburg  
 David Alan Fox, Lyndhurst  
 Lynn Dee Freedman, Lorain  
 Margaret E. Fulin, Columbus  
 Rocco Louis Fumi, Canfield  
 Barbara Jean Furlow, Canton  
 Drue Galiardi, Gahanna  
 Robin Lee Galletti, Columbus  
 Laurie Ann Gay, Fairview Park  
 Shaun LaNard Gayle, Hampton, VA  
 Barbara Zoe Gedney, Cleveland  
 Lori Kay Geiger, Lancaster  
 Colleen Marie Gerken, Portsmouth  
 Babayo Gabdo Gidado, Bauchi, Nigeria  
 Danita Ann Gilbert, Coshocton  
 Glenn S. Gilbert, Enon  
 Mary Beth Gloyd, Columbus  
 Jeffrey Allan Goff, Fredericktown  
 Floyd Elsworth Goshorn, Edon  
 Joan Signid Gossard, Lima  
 Cheryl Ann Gornosty, Parma  
 Dianne Lynette Graham, McConnetsville  
 Patrick Alan Graham, Dayton  
 Sherri Louise Green, Bucyrus  
 Janna Lee Greene, Gahanna

Marie Elizabeth Greene, Lima  
 Gregory James Greenzalis, Columbus  
 Madonna DeAnne Grimes, Dayton  
 Julie E. Grinstead, Columbus  
 Ted Vernon Grinstead, Columbus  
 Debra Jo Grosscup, Howard  
 Sue Ann Hass, Caledonia  
 Judith Louise Halsey, Dayton  
 Steve Joseph Hansen, Loveland  
 Brian Keith Hanson, Ashland  
 Joyce Ann Hardman, East Liberty  
 Bruce Thornton Hart, Pataskala  
 Jacquelyn L. Hartigan, Columbus  
 Abdulumini Hassan, Bauchi, Nigeria  
 Jack Robert Hayzlett, Wapakoneta  
 Melodie Hearcock, Marion  
 Mary Rose Hebble, Worthington  
 Toni Lynn Heid, Plantation, FL  
 Cecile Trudy Hendrickson, Belleville  
 Brad Allen Henry, Carrollton  
 Sara Marie Hensel, Marion  
 Linda Jo Heppard, Van Wert  
 Penny Green Herdman, Elyria  
 Julie Lynne Hickey, Lima  
 Bryan Keith Hicks, Gahanna  
 Jodine Kay Hiser, Clarksburg  
 Angela Annette Hofacker, Columbus  
 Julie Ann Hohman, Plymouth, MN  
 Kimberly Jo Holloway, Lima  
 Karen Jordine Hothouse, Willard  
 Jan Ruth Holton Hosler, St. Louisville  
 Renee Janette Howden, Columbus  
 Larry Allen Huggins, Sherodsville  
 Jennifer Ann Hughes, Columbus  
 Diane Marie Huneke, Lakeland, FL  
 James Andrew Hunter, Lima  
 Sarah Moore Hussey, Columbus  
 Kim R. Jenkins, Elida  
 Heidi Jane Jensen, Port Clinton  
 Ellen Joan Johnson, Chillicothe  
 Joanne Louise Johnson, Wadsworth  
 Pamela Sue Jolliff, Canton  
 Lisa Ann Jones, Zanesville  
 William Daniel Judy, Columbus  
 Gwen Elaine Kable, Celina  
 Cathy E. Kaiser, Columbus  
 Constance Elaine Kallis, Lorain  
 Kimberly Sue Kantzer, Marion  
 Adamu Abdullahi Kashuri, Bauchi, Nigeria  
 Cynthia Ann Katalinas, Cleveland  
 Jean C. Kehres, Delphos  
 Marjorie Louise Kennedy, Columbus  
 Timothy Brian Kenney, Springfield  
 Ila J. Kershaw, Mansfield  
 Stephanie Sonkin Kess, Beachwood  
 Sandra Jean Key, Jamestown  
 Kathryn Anne Kier, Columbus  
 Yolanda Kay Kilburn, Cleveland Heights  
 Suzanne King, Wellington  
 Ann Louise Kirk, Akron  
 Philip Klatka, Strongsville  
 Lisa Margaret Klein, Silver Lake  
 Andrew William Knight, Jr., Westerville  
 Carol Lee Komara, Poland  
 Cynthia Louise Koonitz, Norwalk  
 Christopher M. Kotys, Cuyahoga Falls  
 April A. Kozich, Lorain  
 Jeanette Louise Kuder, Gahanna  
 Lisa Ann Kuhn, Caldwell

Gregory Gustav Ladehoff, Clinton, IA  
 Kathleen Kay LaGrow, Largo, FL  
 Deborah Kay Laird, Tampa, FL  
 Diane Lynn Langhals, Cloverdale  
 Debra Sue LaRue, Lima  
 Theresa Marie LaSalvia, Cleveland  
 Sharon Lynn Lavender, Ashland  
 Sheryl Anne Lawyer, Columbus  
 Doris R. Leach, Lima  
 Rebecca Lynn Lehnner, Marion  
 Theresa Lyn Lemick, Reynoldsburg  
 Connie Renee LeRoy, Somerset  
 Karen Sue Lesko, Westlake  
 Robert Allen Lilly, St. Marys  
 Bin Umar Kawule Liman, Bauchi, Nigeria  
 Craig David Little, Bay Village  
 Donise Jean Long, Elida  
 Marjorie Fern Loomis, Sidney  
 Carol Ann Luebcke, Lakeside  
 Gregory Paul Malone, Columbus  
 Samaila Mani, Bauchi, Nigeria  
 Debra Lynn Mardosa, Port Clinton  
 Linda Ann Marquardt, Blue Ash  
 Maria Maria Marsh, Akron  
 Monica Marie Marsh, Akron  
 Terri Lynn Mathews, Columbus  
 Timothy James McBride, Cambridge  
 Maureen Ann McEwen, Lakewood  
 Diane Louise McMillan, Cincinnati  
 Cheryl Ann McNamara, Lima  
 Mary Beth Medley, Columbus  
 William James Merkle, Columbus  
 Shirley Jean Metcalf, Lucas  
 Mary Lee Meyer, Cincinnati  
 James Wair Miles, Columbus  
 Cynthia Kay Mingus, Berlin Heights  
 Mohammed Dankaka Misau, Bauchi, Nigeria  
 Joni Marie Mitchell, Dayton  
 Lynn Marie Mlakar, Lorain  
 Alahji Misau Mohammed, Bauchi, Nigeria  
 Margaret Anne Mott, Cuyahoga Falls  
 Tanya Louise Moody, Zanesville  
 Susan Kay Morgan, Claridon  
 David John Morman, Lima  
 Tamasene Sue Morris, Columbus  
 Cheryl Ann Mott, Huber Heights  
 Michael Andrew Mundew, Columbus  
 Fred Thomas Murphy, Gahanna  
 Robert Jay Murphy, Grove City  
 Kathleen Jo Murray, Columbus  
 Sallie Lee Neal, Mansfield  
 Jodel Marie Neary, Columbus  
 Pamela Kohler Neidhart, Marion  
 Judith Remlinger Newell, Leipsic  
 Peggy Rose Newkirk, Middletown  
 Linda N. Novachik, Newark  
 Dann Conrad Oliver, Columbus  
 Patrick Charles Oliver, Fairfield  
 Gary Thomas Omen, Columbus  
 Thomas Paul Orosz, Worthington  
 Molly Beth Orr, Columbus  
 Rogena K. Orr, Columbus  
 Beth Jean Oyster, Marion  
 Mark Andrew Paessun, Columbus  
 Beth Anne Pagnard, Columbus  
 Sandra Kay Pahl, Mansfield  
 Cynthia Jo Paina, Alliance  
 Patricia Palf, Lyndhurst  
 Lisa Ann Papesch, Solon

Katherine Jill Perkins, Lima  
 Jami Lynn Pass, Columbus  
 Diane Pavaiko, Canfield  
 Robert Steven Peckham, Columbus  
 James Christopher Perry, Edina  
 Connie Diane Phillips, Eaton  
 Elizabeth Ann Pierce, Bucyrus  
 Diane Lynn Pliny, Yorkville  
 Mark Andrew Pim, Columbus  
 Mark Douglas Pinks, McGuffey  
 Lori Ann Pinnick, Reynoldsburg  
 Steven Clark Podlasiak, Woodsfield  
 Nancy Ellen Poetter, Wadsworth  
 Cathy Lynn Poling, Kettering  
 Melinda Jan Poling, Circleville  
 William Edward Prosser, Ashland  
 Joni Marie Prowant, Continental  
 Rita Catharine Prunette, Columbus  
 Charlotte Ann Puthoff, Sidney  
 Jane Ann Radford, Columbus  
 Debra Lee Rasor, Wadsworth  
 Robert James Rees, Worthington  
 James Patrick Reilly, Oregon  
 Frederick John Reitano, Pickerington  
 Elen Marie Rhodes, Salem  
 Brenda Sue Ricciuto, Zanesfield  
 Michelle Adaire Richlak, Cleveland  
 Tracy Jill Rinker, Syracuse, IN  
 Amy L. Roach, Columbus  
 Beverly Kane Roberts, Pickerington  
 Cherise Ann Robinson, Mentor  
 Linda Sue Robinson, Marysville  
 William Todd Roll, Bucyrus  
 Hazel Campbell Rook, Shioh  
 Beverly Ann Rose, Troy  
 Joanne Rose, Columbus  
 Marie Ellen Rosenblum, Mayfield Heights  
 Gail Elaine Roth, Columbus  
 Stacey Lee Roth, Mayfield Heights  
 Becky Rowsey, Marion  
 Russell Roy Ruckman, Sardis  
 Robbin Elizabeth Russ, Chesterland  
 Martin Gerard Ryan, Olmsted Falls  
 Brian Kirk Sautsbury, Delaware  
 Carla Frances Saunders, Worthington  
 Camela Ann Scaggis, Kettering  
 Karen Marie Schick, Coshocton  
 Dorothy Alma Schroeder, Ottawa  
 Timothy Allen Schroeder, Kalida  
 Julie Marie Schutheis, Zanesville  
 Donna M. Schumacher, Lindenbush, NY  
 Robert Allen Schumann, Jr., Toledo  
 Jan Marie Scott, Wooster  
 Stuart Alan Scrivner, Lima  
 Paula Jane Selby, Newark  
 Troy Sexton, Worthington  
 Anne Elizabeth Shilander, Euclid  
 Filiz Shine, Columbus  
 Dee Anna Shoemaker, Mt. Sterling  
 Tina Kay Short, Kettering  
 Jennifer Sue Shrader, Columbus  
 Paul Simmons, Jr., Newark  
 Leslie Ruth Sims, Champaign, IL  
 Rebecca Jo Snider, Lebanon  
 Mary Victoria Sobolewski, Worthington  
 Bruce Allan Soulsby, Invercargill, New Zealand  
 Stephanie Spears, Columbus  
 James Edward Stafford, Pottsville, NY  
 Beth Otto Staggs, Grove City

Linda Carol Staggs, Plymouth  
 Deborah Ann Staric, Columbus  
 Lori Ann Stearns, Fostoria  
 Kevin Brian Stepp, Columbus  
 Catherine Ann Stimmel, Worthington  
 Jodi Renea Stinehelfer, Bucyrus  
 Laura Denise Stockfish, Beachwood  
 Elizabeth Graben Stooke, Columbus  
 Cheryl Louise Strain, New Carlisle  
 Constance Lea Strang, Perrysville  
 Linda Sue Strapp, Columbus  
 Laura Milane Taylor, Rockville, MD  
 N. Katherine Ten-Eyck, Delaware  
 Joan Ellen Thomas, North Olmsted  
 Mary Elizabeth Thomas, New Philadelphia  
 Vickie Lee Thorn, Zanesville  
 Kelly Marie Thornton, Wellington  
 Judith Anne Throne, Toledo  
 Steven Roger Tier, Mt. Vernon  
 Gary Michael Timko, Troy  
 Randy Lee Titkemeyer, Hamilton  
 Kathleen Trent, Grove City  
 Elen Cecilia Troyan, Columbus  
 Margaret Irene Tuel, Olmsted Falls  
 Christina Elizabeth Turdo, Lake Worth, FL  
 Donna Kay Uetrecht, Oregonia  
 Carol Warren VanMeter, Pittsburgh, PA  
 Holly Sue Vargo, Toledo  
 K. S. VanValkenburg, Marengo  
 Michelle Renee Vermilya, Shelby  
 Shauni Voorhees, Pataskala  
 Jill Cormany Wade, Waverly  
 Julie Ann Walter, Columbus  
 Maricea Yvonne Walton, Medina  
 Barbara Ann Ward, Chillicothe  
 Tamara Lee Ward, Chillicothe  
 Lesley Jean Waring, Hereford, England  
 Beth Ellen Watson, Coshocton  
 Holly Ann Weary, Columbus  
 Kara Jo Weaver, Reading  
 Patricia Ann Weese, Columbus  
 Richard Lee Wendling, Columbus  
 Lois Marie Wheeler, Barberton  
 Lisa M. Whitacre, Columbus  
 John Ivan White, Mansfield  
 Susan Kay Whitlow, Newark  
 Amber Lynn Whittington, Marion  
 Denise Marie Williams, Virginia, Beach, VA  
 Diane Lynne Williams, Berlin Center  
 Rodney Keith Williams, Westerville  
 Susan Elaine Williams, Columbus  
 Michael Jay Wilson, Worthington  
 Brenda Louise Wilson, Gates Mills  
 Melissa Sue Wilson, Lowell  
 Vanda Kelli Winn, Columbus  
 Catherine Ann Winter, Xenia  
 Rita Mary Woeste, Dayton  
 Nancy Gina Workman, Danville  
 Amy Louise Yake, Marion  
 Michele Paige Zeitlin, Wayne, NJ

**Bachelor of Art Education and  
 Bachelor of Music Education**  
 degrees are offered jointly by the  
 College of the Arts and  
 College of Education  
 Candidates are listed under  
 College of the Arts

## College of Engineering

Dean: Donald D. Glower

### Bachelor of Science in Aeronautical and Astronautical Engineering

Mark Andrew Bauman, Columbus  
 Charles Robert Berezin, Huron  
 William Joseph Bernzott, Seminole, FL  
 Donald Gene Blankenship, Columbus  
 Dale Ray Cleaveland, Roseville  
 William John Coirer, Columbus  
 Tegan Joseph Collier, Baltimore, MD  
 Stan D. Cosstephens, Reynoldsburg  
 James Arthur Davis, Kingston, TN  
 Richard Lowell Dilts, Pittsford, NY  
 Bruce Allen Fox, Lima  
 Richard Thomas Gavin, Columbus  
 Douglas Alan Gebhart, Rock Hill, SC  
 Theodore Kester Grove, Chardon  
 John Allen Hamilton, Toledo  
 John Mathew Hand, Hamilton  
 Todd Aaron Hansel, Zanesville  
 Kurt Alan Helfrich, Austintown  
 Martin D. Ingham, Glenwood, IL  
 Mark Wesley Johnston, Lima  
 David Kumar Kunchal, Aurora  
 Randyll Lawrence Levine, S. Euclid  
 Michael Dieterich Lohff, Milford  
 Elizabeth Ann Martin, Worthington  
 Susan Louise McCleary, Youngstown  
 Todd Richard Michal, Columbus  
 Anthony Cosmo Midea, N. Royalton  
 Anthony Joseph Montecalvo, Warren  
 Virginia Renee Patton, Youngstown  
 Russell Allan Purtell, Leesburg  
 Mary Catherine Schwartz, Lakewood  
 Elsie Sharifnejad, Columbus  
 John David Shidemantle, Springfield  
 Martin John Silvestri, Maple Heights  
 Patricia Susan Simonyi, Lakewood  
 Tamara Ann Smith, Urbana  
 Mohammad Reza Soltani, Yazd, Iran  
 John Mark Staiger, Canton  
 Ronald Jay Stauffer, New Bremen  
 Steven Paul Thompson, Gahanna  
 Alan Kendall Tuttle, Trotwood  
 Ralph Erich Urch, Jefferson  
 Gary Scott Wolam, Geneva  
 Michael Alan Young, Mt. Vernon

### Bachelor of Science in Agricultural Engineering

Melissa Anne Burstein, Dublin  
 Timothy James Doone, Columbus  
 Eric Franz, W. Salem  
 Victoria Irene George, Newark  
 Grant Smith Grooms, Galloway  
 Jeffrey Dean Hootman, Jeromesville

### Bachelor of Science in Agricultural Engineering

Melissa Anne Burstein, Dublin  
Timothy James Doone, Columbus  
Eric Franz, W. Salem  
Victoria Irene George, Newark  
Grant Smith Grooms, Galloway  
Jeffrey Dean Hootman, Jeromesville  
Scott James Hester, Norwalk  
Karabiz Sabouri, Columbus  
Jennifer Ann Schmitz, New Weston  
Alan Clark Vestal, Columbus  
Gary Louis Zwolinski, Grosse Ile, MI

### Bachelor of Science in Aviation

Steven Douglas Harper, Chillicothe  
Dale Franklin Kostura, Maple Heights  
Jeffery Lynn Maresh, Bedford

### Bachelor of Science in Ceramic Engineering

Timothy Robert Armstrong, Milan  
Gregory Dale Bowling, Heath  
Douglas Kenneth Doza, Columbus  
Michael Anthony McCoy, Parma  
Gregory Arthur Michaels, Seven Hills  
James Allen Moody, Newark  
Laurie Ellen Morgens, Columbus  
David Jeffrey Pickrel, Zanesville  
Kevin Wayne Sprague, Lima

### Bachelor of Science in Chemical Engineering

Yousef George Aouad, Broummana, Lebanon  
Elliot Ira Beraha, Cincinnati  
Jeffrey Lee Burman, E. Rochester  
John G. Burnmeister, Alliance  
Patrick Thomas Canavan, Lima  
Cathy Marie Champagne, Kettering  
Scott Michael Clements, Akron  
Roger Pierre Coffman, Westerville  
Kenneth Jeffrey Danter, Bexley  
Ronald DeYoung, Loveland  
Charles Robert Domar, Painted Post, NY  
Scott Ruggles Ellis, Huron  
Thomas Michael Forrester, Strongsville  
Wesley James Giddings, Westerville  
Kristin Alicia Hannahs, Zanesville  
Wendell Edward Harkins, Mansfield  
Scott John Herrmann, Greenhills  
Jeffrey S. Hoene, Kettering  
Harold Lee Hom, Fairview Park  
Carolyn Sue Jones, Columbus  
Shahriar Khabiri, Columbus  
Robert Glen Larsen, Dayton  
Shelly Ruth Leash, Cleveland Heights  
Alan John Lekan, N. Royalton  
Brian Nicholas Lombardi, N. Canton  
Alan Lee Luck, Annapolis, MD  
John Michael Marek, Shaker Heights  
Gregory Michael Masica, Coshocton

James Kerwin McDowell, Columbus  
Terry Michael McGinnis, Tipp City  
Lawrence Ray Miculka, Dublin  
Charles Allen Myers, Fremont  
Robert Allen Penicka, Euclid  
Douglas James Penrod, Marysville  
Jonathan Wayne Pressier, Barborton  
Patrick Alan Renner, Centerville  
Peter Thomas Rigano, Kettering  
Mohammad Reza Sadeghi, Abhar, Iran  
Stephen D. Salisbury, Conneaut  
Maria Therese Savage, Blanchester  
Tyrone Anthony Scopel, Amsterdam  
Richard James Sebalos, Seven Hills  
Gregory J. Skulca, Ashtabula  
Thomas Wayne Smith, Gahanna  
Kathleen Ann Stefanik, Cleveland  
Michael Wayne Stevens, Beavercreek  
Scott Omer Stiving, New Concord  
Eric Alan Swank, Troy  
Randall Lee Swindler, Warren  
Daniel Martin Waits, Virginia Beach, VA  
George Robert Walters, Dayton  
Veda Denise Welch, Newark  
David Dent Wetzel, Newark  
Donald Perry Whiting, Lima  
Laura Ann Williams, Getaway  
John David Zeleznik, Chardon

### Bachelor of Science in Civil Engineering

Warren S. Bach, Toledo  
James Mortimer Barry III, Medina  
Rebecca Ann Berner, Xenia  
Martin Joseph Boetcher, Zanesville  
Bradley David Campbell, Wapakoneta  
Ziad Chafiq Chemali, Rayak, Lebanon  
Dok Tong Chua, Tampin, N. Sembilan, Malaysia  
Kelly Marie Dean, York Center  
Rosanne M. Denega, Parma Heights  
Hicham Hussein Dib, Beirut, Lebanon  
Brad Thomas Dwellie, Sandusky  
Nabeel Souad El-Masarani, Kuwait, Kuwait  
Meu Fah Farm, Kuala Lumpur, Malaysia  
Luke Arthur Frantz, Sidney  
Michael Paul Griffith, Columbus  
Richard Scott Haislip, Columbus  
Mohd Sabri Hamzah, Besut, Malaysia  
Lee Beng Ho, Kuala Lumpur, Malaysia  
Deborah Lynn Hollister, Richmond  
James Edward Johnston, Wooster  
Gerald Bruce Jones, Columbus  
Douglas Joseph Kaiser, Waterville  
Jeffrey Robert Kerst, Mansfield  
Lewis Whitney Kwett, Canton  
Brenda Susan Lay, Granville  
William Blair Lewis, Columbus  
William Edward Lewis, Whitehouse  
Fuad M. Marie, Jordan  
David Michael McGuire, Akron  
Leland Elsworth Moree III, Toledo  
Peter Maurice Nelson, Westerville  
Arthur Elis Nix, Pataskala  
Michael Andrew Paine, Worthington  
Victor Eugene Picciano, Chillicothe  
Polycarpus Andrew Polydorides, Nicosia, Cyprus  
Loren Martin Puckett, Highland  
Michael Todd Ramey, Wooster

John Ryves Redmond, Columbus  
James Gordon Roberts, Heath  
Daniel Franklin Roslovic, Columbus  
Steven Edwin Ross, Delaware  
George Frank Rysavy III, Columbus  
Gregory Alan Schoepner, Zanesville  
J. Audrey Schwaber, Youngstown  
Scott David Seeley, Whitehall  
Ralph Frederick Settelin III, Columbus  
Hassan M. Shihab, Damascus, Syria  
Scott Brian Sibley, Toledo  
David Lee Smith, Trotwood  
Alan Thomas Stadler, N. Royalton  
Arifin Tanoto, Medan, Indonesia  
Meng Kow Tung, Penang, Penang  
Timothy L. Weaver, Mentor  
George Franklin Whitley III, Cincinnati  
Sven Bjornsson Wiberg, Hampden, ME

### Bachelor of Science in Computer and Information Science

Siew-Lan Ang, Seremban, NS, Malaysia  
Carl Alan Baker, Washington Court House  
John Andrew Barron, Centerville  
Stephen John Biro, Shaker Heights  
Roger Georges Bizar, Tripoli, Lebanon  
Laune Lynn Boxwell, Marion  
Barry James Brownhill, Cincinnati  
Michael Scott Byram, Centerville  
Scott Allan Campbell, Caledonia  
James E. Dawes, Cincinnati  
Karl Phillip Dohm, N. Royalton  
John Edward Fangmann, Cincinnati  
Jeffrey Monroe Furr, Columbus  
Tamas Nicholas Galan, Parma  
James Michael Gaughan, Warren  
Daniel Vincent Headley, Cleveland  
Bruce Edward Hendrick, Copley  
Steven William Hirschfeld, Minster  
Russell Thomas Johnson, Annapolis, MD  
Jules Xavier Junker, Pittsburgh, PA  
Daniel Brian Kehn, Fairview Park  
Carolyn Ann Kershaw, Kirtland  
Paula Chi-Lin Ko, Columbus  
Richard Alan Lee, Columbus  
Seong Gee Lee, Hong Kong  
Hwa Liu, Nanking, China  
Sandra Leigh Loeb, Cincinnati  
Edward Joseph Lynch, Columbus  
Michael Andrew Marko, Avon Lake  
Sheila Ellen Marx, Columbus  
Jeffrey Scott McCallister, Columbus  
Tammy Mielke, Valley City  
William Fredrick Mielke, Valley City  
Martin Russell Milliron, Fairborn  
David Andrew Minster, Wyckoff, NJ  
Derek Dean Myers, Frazeeburg  
William Brian Norris, Columbus  
Barbara Ann Norton, Madison  
Sandra Denise Oliver, Columbus  
Mark Vincent O'Riordan, Upper Arlington  
William Shawn Oshinski, Worthington  
Steven Blair Parker, Columbus  
Kenneth John Paynter, Painesville  
Carole Gail Petteson, Columbus  
Mark David Reid, Lehighton  
Maddlyn Marie Roberts, Ashville

Timothy Harold Robison, Columbus  
Mark David Rothman, Satellite Beach, FL  
Thomas Lee Sharp, Ludlow Falls  
Scott Dennis Sheffer, Canton  
Mitchell Howard Singer, Cincinnati  
Ahmad Ezzat Sinno, Beirut, Lebanon  
Phillip Todd Smith, Maumee  
Stephen Jay Stoll, Findlay  
Richard Eugene Strouth, Jr., Chillicothe  
Christopher Bailey Sturges, Oberlin  
Ashley Scott Taylor, Avon Lake  
Tammy Louise Trierweiler, Wooster  
Qanh Hoang Trinh, Lexington, KY  
Nels Blake Vander-Zanden, Columbus  
Dennis Eugene Walker, Piqua

**Bachelor of Science in Electrical Engineering**

John Antjas, Marion  
Gary Lewis Arnold, Barberton  
Franco Edward Barber, Columbus  
Jeffrey A. Brayshaw, Cincinnati  
Jerry Hughes Briggs, Westerville  
David Alan Buchanan, Elyria  
Jeffrey Gordon Burslem, Massillon  
Anthony Michael Butz, Springfield  
Allison Ann Carleton, Delaware  
Grant Logan Castrodale, Westerville  
Samer Chami, Damascus, Syria  
Brian Dean Chapman, Grove City  
Shing Pak Chu, Columbus  
G. Scott Clark, Worthington  
Frank Cocchiarale Jr., Willowick  
Gary M. Crummel, Seattle, WA  
David Jon Darkow, Akron  
John David Diurba, Westerville  
Michael Joseph Donahue, Dayton  
Neal Clyde Dornbusch, Ada  
Beth Ellen Douglas, Fairview Park.  
John Leslie Fabian, Toledo  
Michael James Finissi, Columbus  
Larry Alan Fultz, Marion  
Phambili Achual Gama, Hlatikhulu, Swaziland  
Thambinkosi Tumelo Gamedze, Mbabane, Swaziland  
Karl Leslie Gass, Washington Court House  
Bradley Thomas Gilliam, Powell  
Tiong-Thye Goh, Singapore, R.O.C.  
Tjun Huat Goh, Singapore, R.O.C.  
Douglas Cola Grove, Chardon  
Vahid G. Haghighi, Shiraz, Iran  
Susan Elizabeth Hall, Columbus  
George David Haller, Beavercreek  
Michael A. Hart, Fremont  
Michael Brian Hensel, Columbus  
Kurt Eric Hildebrandt, Huber Heights  
Ralph Paul Honeycutt, Columbus  
Leslie Dean Howard, Hamilton  
Hsien-Ching Huang, Kaoshiung, Taiwan  
Douglas Casper Huber, Bellefontaine  
Robert C. Hudak, Cleveland  
Kenneth D. Kahn, Westerville  
Barsehgh Karamanian, Tehran, Iran  
David Paul Karpinski, Steubenville  
Won Suk Kauh, Cambridge  
Farshad Khorrami, Tehran, Iran  
Katrina Ruth Kirk, Greenville, IN  
Keith David Kirkpatrick, Marion

Kin Yue Albert Lai, Hong Kong  
Thomas Gregory Lee, Jacksonville, FL  
Thomas Gerard Little, Columbus  
Timothy Raymond Lonchar, Euclid  
Michael Patrick McQuade, Columbus  
Mark Allen Mecozzi, Gahanna  
Deborah Ann Meyer, Harrison  
Dale Andrew Micklos, Parma  
William Gerry Minnich, Alliance  
Randall Richard Morton, Kettering  
Martin Edward Muhall, Middletown  
Russell Kenneth Myers, Parma  
Lee A. Newman, Shaker Heights  
David Bruce Nichols, Upper Arlington  
Paul Donald Olson, Huber Heights  
Roman Frank Omilion, Parma  
Wendy Elaine Ottendorf, Cincinnati  
J. Matthew Park, Westerville  
Lee-Dal Park, Columbus  
Harold Maxwell Polus, Maple Heights  
Lawrence Louis Ponziani, Kettering  
Robert Llewellyn Prothere, Columbus  
Craig Patrick Reilly, Upper Arlington  
Jefferson Garland Risner, Minford  
Harry Frank Sakanashi, Santa Clara, CA  
Edward K. Saliba, Kaa-el-Rim, Lebanon  
Stanley Thomas Scheuffler, Sandusky  
Russell Paul Schussler, Columbus  
Gary Michael Serrino, Canfield  
Niraj Nareesh Shah, Columbus  
Harry Thomas Shamansky, Bexley  
Michael Raymond Siferd, Beavercreek  
Kim Sisneros, Enon  
Donald Joseph Smaltz, Youngstown  
Matthew Sherman Smith, Columbus  
Philip James Smith, Canton  
Steven Robert Smithberger, Pataskala  
James Michael Spall, Fairview Park  
Charles Lorn Stoup III, Carlisle, PA  
Yontz Marcus Sucre, Kettering  
Jaqueline Elaine Todd, Archbold  
Kathleen L. Tokuda, Albuquerque, NM  
Jay Arthur Treptow, Bay Village  
Jorge Daniel Vidales, Buenos Aires, Argentina  
Michael A. Vincze, Bowling Green  
Jeffrey Alan Warner, Louisville  
Charles Wilson Waugh, Somerset  
Bradley Richard Weisgerber, Lima  
David Errol White, Westerville  
Kent William Wilhelm II, Mansfield  
Ann Elisabeth Williams, Toledo  
Michael Ellis Williams, Bucyrus  
Haipering Wong, Singapore, R.O.C.  
Jack Hong Yee, Toledo

**Bachelor of Science in Engineering Physics**

Diana Lee Blaney, Ashville  
David Gerard Cahill, Akron  
Steven David Cech, Wickliffe  
Mitchell Owen Faust, Dayton  
Kevin Patrick Granata, Toledo  
John F. Weller, Cincinnati

**Industrial Engineer**

Stephen Craig Jetter, Columbus

**Bachelor of Science in Industrial and Systems Engineering**

David Ned Bixler, Sandusky  
Jeffrey August Boerger, Rossburg  
James Bradley Brandt, Hilliard  
Kimberly Burt, Zanesville  
Ho Yew Chong, Singapore, R.O.C.  
Yee Choong Chooi,  
Kenneth Jay Cox, Monroe  
David Earl Crandall, Kettering  
Cynthia Jean Davis, Toledo  
Clifford James Fallon, Worthington  
Gregory Girard Gerycz, Bedford Heights  
Cynthia Anna Goetz, Littleton, CO  
Susan Marie Grubenhoff, Berea  
Debra Lynn Guran, Akron  
Romona Sophia Guy, Millfield  
Michelle Ann Heleman, Fremont  
Steven Anthony Heiner, Piqua  
Dennis Eric Henson, Marion  
Philip Robert Horstman, Cloverdale  
Michael Edward Huff, Farmington Hills  
Edward Imbrogno, Lorain  
Glenn Jude Kahle, Kalida  
Robert Scott Kooistra, Westerville  
T. Bradford Kuchinic, Pittsburgh, PA  
Kathleen Sue Martin, Columbus  
David James McDonough, Springfield  
Paula G. Monaco, Canton  
Tina Denise Moreman, Cincinnati  
Mark Thomas Niekamp, Kettering  
David James Paraskos, Columbus  
Robert Anthony Rejent, Jr., Columbus  
Gina Marie Riepi, N. Royalton  
Peter Rordinelli, Clarence, NY  
Gretchen Eloise Schacht, Pittssburgh, PA  
Richard Thomas Sharick, Warren  
Thomas Jeffrey Stone, Springdale  
Brian Charles Thompson, Walkersville, MD  
Stanley Allen Wiley, Warren  
John Andrew Wittwer, Cincinnati  
Ronald Anthony Yates, Toledo  
Boon Hun Yeo, Singapore, R.O.C.

**Bachelor of Science in Mechanical Engineering**

Steven James Anzeic, Huber Heights  
Richard Eugene Bale, Delaware  
Hedi Jean Bible, Clyde  
Jeffrey Alan Blosser, Lancaster  
David Leslie Blumberg, Oak Ridge, TN  
Nancy Jean Browning, Sanford, ME  
Donald Coleman Caldwell, Brecksville  
Andrew S. Cary, Worthington  
Michael James Cave, Lancaster  
Robert B. Cicone, Mingo Jct.  
Gordon Bennett Clouse, Columbus  
Daniel Leroy Connell, Oak Harbor  
Curtis Clair Cowan, Elyria  
Edward P. Dezelick, Port Clinton  
Mark Alfred Diederichs, Springfield  
Gregory M. Dinerger, Tiffin  
James D. Doane, Fredericktown  
Paul David Doherty, Cleveland Heights  
John Francis Donovan, Berea  
Daniel Adrian Drake, Zanesville

Jeffrey Michael Eastman, N. Canton  
 Jeffrey Alan Eucker, Fairview Park  
 Jerry Edward Farstad, Sunbury  
 Robert Charles Foti, Columbus  
 Dan Robison Fox, Greenville  
 David Winston Frenze, Philadelphia, Pa.  
 Scott Allen Freshwater, Dresden  
 David Michael Good, Upper Arlington  
 Robert Edward Heilman, Columbus  
 Jeffrey Dean Heminger, Van Buren  
 Jeffrey Lee Hertig, Lima  
 David Grant Hiscock, Zanesville  
 Raymond Charles Hoendorf, Cincinnati  
 Bassam Al Homsy, Columbus  
 Kevin Lynn Horsley, W. Portsmouth  
 Mary Madelene Howley, Rock Creek  
 Robert J. Huff, Jr., Dayton  
 Alan Jon KaKaley, Bellefontaine  
 Elizabeth Grace Kaye, Lyndhurst  
 George Andrew Keller, Swanton  
 Philip Shafer Keller, Brighton, MI  
 Cynthia Jane Knodel, Cincinnati  
 Noah K. Koontz III, Columbus  
 Edward Michael Kucinski, Berkeley Heights, NJ  
 William Richard Larimer, Strongsville  
 Kevin Scott Lasher, Hatfield, PA  
 Alan James Lee, Dayton  
 Clinton Edward Leedy, Gray, TN  
 Philip Michael Lumpach, Ottawa  
 Brian Thomas Lynch, Columbus  
 Scott Thomas MacLaughlin, Marysville  
 Timothy Hans Magisos, Columbus  
 Philip Mackoy Martin, Columbus  
 Jeffrey Alan McCammon, Beavercreek  
 Carl Walter McLaughlin, Woodfield  
 Brian Richard Morris, Harrison  
 Joseph Edwin Mueller, Fostoria  
 Simon Michael Muench, Columbus  
 Richard Allen Nestoff, N. Olmsted  
 Christopher Mark Norden, Hamler  
 Scott Douglas Norris, Worthington  
 Mary Lancia Otte, Columbus  
 Timothy Andrew Patrick, Danville  
 Bruce Andrew Polinko, St. Clairsville  
 Charles Raymond Quinn, Zanesville  
 Jeffrey Allen Reed, Gallon  
 Ronald Albert Reese II, Lima  
 Alan Scott Rosinger, Columbus  
 David George Salazar, Worthington  
 Timothy Leo Schmelzer, Rushville  
 John William Schneeg, Ottoville  
 Stewart Alan Skomra, Lisbon  
 Saied Soleimani, Tehran, Iran  
 David Evans Spotts, Plymouth, MN  
 Lawrence Miles Thomas, Worthington  
 Aimee Thorpe, Marysville  
 Cynthia Louise Thurman, Columbus  
 John Brian Toft, Cincinnati  
 Charles Albert Vannatta, Upper Arlington  
 Thomas Eugene Vannatta, Upper Arlington  
 Duane E. Veley, Marion  
 Mark Edward Verbanic, Huber Heights  
 Douglas Wayne Vickers, Dresden  
 John William Vosler, Gahanna  
 John Charles Walter, Dayton  
 Steven L. Watts, Granville  
 Cary Raymond Weisenberger, Columbus  
 Collin Lance Wheeler, Columbus  
 Keith Alan Willoughby, Dover

Hans Eric Yeager, Bellbrook

## **Bachelor of Science in Metallurgical Engineering**

Donald Vincent Avenger, Columbus  
 Christine Elaine Banks, Caldwell  
 Kenneth Frederick Berg, Downers Grove, IL  
 Anne Elizabeth Browning, Portsmouth  
 Lisa Marie Burke, Conway  
 Lisa Jo DuVernay, Columbus  
 Herbert Elgin Evans, Jr., Parma  
 Jody A. Hribar, South Hts., PA  
 Herbert David Kleine, Dover  
 Donna Diane Kuhlman, Beavercreek  
 Soon Hua Lim, Kluang, Johor  
 Bradley Alan Meilink, Sylvania  
 David E. Nelson, DesPlaines, IL  
 Christopher Clay Newkirk, Middletown  
 Suzanne Marie Rackliffe, Brecksville  
 Karen Marie Sater, Strongsville  
 LeRoy Scott Sauter, Avon Lake  
 Jay R. Scharenberg, Mentor  
 Thomas Emil Schauer, Euclid  
 Daniel David Sickafosse, Canton  
 Brian Philip Spiegel, Poland  
 Joseph Anthony Susco, Jr., Brooklyn, NY  
 Mark Granville Tabler, Lima  
 Jeanne Frances Tilicky, Brooklyn  
 Jim Harry Tokmenko, Parma  
 Richard James Warburton, Columbus  
 Paul Richard Ward, II, Gallipolis  
 Dean Alan Wheeler, Shaker Heights  
 Bradley Scott Whiteleather, Cambridge

## **Bachelor of Science in Mining Engineering**

Bernard Lane Brown, Florence, KY  
 Randy B. Crites, Lima  
 Brian Walter Mack, Canton

## **Bachelor of Science in Surveying**

Rosanne M. Denega, Parma Heights  
 David Michael McGuire, Akron

## **Bachelor of Science in Welding Engineering**

David John Barton, Strongsville  
 John Joseph Bottoms, Cobourg, Ontario  
 Donald Eugene Bowers, W. Alexandria  
 Thomas Perry Carlisle, Granville  
 Henry Han-Li Chang, Columbus  
 Mark Boyd Congdon, Cincinnati  
 Thomas John Culkin, Glen Head, NY  
 Patrick James Dwyer, Northbrook, IL  
 Gerald Patrick Frank, Avon Lake  
 Jeffrey Eugene Frank, Canton  
 Rick Brian Gorman, Washington Court House  
 Kay Sophia Hagey, Columbus  
 Randy Keith Keller, Chester  
 James Edward Mather, Columbus

Mark Kevin Meyer, Columbus  
 Jeffrey Alan Moss, Mt. Sterling  
 David B. O'Donnell, Westerville  
 Jonathan T. Salkin, Rye, NY  
 Marty Robert Scott, Chesterland  
 Gregg Paul Simpson, Irwin, PA  
 David Austin Stanzel, Dearborn Heights, MI  
 Steven J. Sulc, Chesterland  
 Timothy Joseph Trapp, Gahanna  
 Matthew C. Trimeoni, Newark  
 Jerry Lee Warren, London  
 James David Whittenbarger, Cincinnati

## **School of Architecture**

### **Bachelor of Science in Architecture**

Mark David Bartel, Columbus  
 Roger Lynn Basinger, Lima  
 Harvey George Burns, Columbus  
 Thomas Michael Campbell, Dayton  
 Mohammad Hassan Dakhteh, Powell  
 Amadeu Cardoso de Sousa, Agincourt, Ontario  
 Andrew Murray Domian, Alliance  
 Donald Leroy Dudrow, Jr., Springfield  
 Geoffrey Dewitt Eaton, Mansfield  
 David Alan Eflaw, St. Clairsville  
 William Joseph Feller II, Parma Heights  
 Richard John Fields, Westlake  
 William Evan Firestone, Worthington  
 Timothy Michael Fisking, Columbus  
 Suzanne Kimberly Furjanic, Murraysville, PA  
 Ronald James Gajoch, Middleburg Heights  
 Robert Gerard Gesing, Youngstown  
 Jeffrey James Gilger, Toledo  
 Cary John Gluf, Chagrin Falls  
 David Michael Goth, New Philadelphia  
 Jamie Allen Greene, London  
 Jeffrey Lee Heffner, St. Marys  
 Roger Frederick Heineman, Poland  
 Kevin Scott Hoffman, Mansfield  
 Lonnie James Hovey, Rochester, NY  
 David Carey Ireland, Powell  
 Britton Lee Jewett, Sandusky  
 David Cullen Johnson, North Olmsted  
 Berry Allen Jones, Union  
 Michael Francis Kerns, Maple Glen, PA  
 Gregory Allen Klein, Cincinnati  
 Richard Randall Knilians, Columbus  
 Anthony Stephen Koval, Garfield Heights  
 Douglas Scott Kruse, Parma  
 Thomas A. Lanzelotti, Inwood, NY  
 Mark Dave Lecky, Cleveland  
 James John Lehnert, Bexley  
 James Leslie Linke, Columbus  
 Joseph Parent Lobdell, Darien, CT  
 Ronald Chester Lowe, Aurora  
 David Vincent Mancino, Yorkville  
 David Matthew Mayer, Lyndhurst  
 Thomas Mark McCash, Cincinnati  
 Bruce Alan Miller, St. Henry  
 Timothy Edward Miller, Middleburg Heights  
 Dellos D. Morrison, Urbandale, IA  
 Victoria Louise Newell, Lakewood  
 Sally Louise Noble, Cincinnati  
 Haythem Hassan Nourachi, Basra, Iraq  
 Jeffrey Lynn Nutter, Bainbridge, NY

Timothy Michael Oliver, Welland, Ontario  
 John Paul Peterson, Bay Village  
 Charles M. Popovich, Jr., Westerville  
 Howard Rudich, Flanders, NJ  
 James Andrew Rudy, Columbus  
 James Francis Samuelson, Akron  
 Paul David Schultz, Blasdell, NY  
 William Francis Schultz, Trenton, NJ  
 Jerome Michael Scott, Cincinnati  
 Dara Lynne Sharp, West Milton  
 David Warren Shultis, West Chester, PA  
 Emil Anthony Slavik, St. Clairsville  
 Chek-Fong Tang, Lutherville, MD  
 Joseph David Tanney, Columbus  
 Louie Mark Tomaro, Parma  
 Steven Richard Turckes, Dayton  
 Craig Steven VanHorn, Zanesville  
 James Douglas Voorhis, Mason  
 William Barry Wagner, Portsmouth  
 Timothy Allen Wilson, Newark  
 Charles Patrick Wisdom, Pleasant Hill, CA  
 Dean Joseph Yuricich, Lorain

## Bachelor of Science in Landscape Architecture

Theresa Ann Benjamin, Akron  
 Jane Leslie Borovetz, Columbus  
 Jeffrey Lee Cole, Wadsworth  
 Kevin John Cook, Columbus  
 Bob J. Coteleur, Lakewood  
 Craig Alan Dupee, Hopewell, NJ  
 Molly J. Finn, Columbus  
 Peter Anthony George, Cleveland  
 Richard A. Getz, Brunswick  
 Mark Henry Gialluca, Canton  
 Richard Alan Hamilton, Dayton  
 Barbara Lynn Haverfield, Wilmington, DE  
 Susan Ruth Hoff, Cincinnati  
 Peter L. Nelson Holmes, Bethlehem, PA  
 Rosemarie Sue Leyboldt, Columbus  
 Peta Gay Lilburne, Dayton  
 Jeremy Daniel Litt, Akron  
 James Richard Magley, Worthington  
 Barbara Joan Meacham, Columbus  
 Darrell Lloyd Meehl, Garfield Heights  
 Valerie Ann Mitrone, Westerville  
 Jeffrey Lyle Payne, Cincinnati  
 James Thomas Penrod, Toledo  
 Mark Alan Potts Schmidt, Cincinnati  
 Mary Beth Regrut, Dublin  
 Carl Joseph Rosewater, Rockville, MD  
 Paul Joseph Roszak, Parma  
 Jeffrey Rulli, Lorain  
 Geoffrey Michael Sobeck, Lakewood  
 Thomas Matthew Stephens, Reynoldsburg  
 Elizabeth Jane Stevens, Arlington, VA  
 Francena M. Turner, Philadelphia, PA  
 Eric Gerard Van-Otteren, Gahanna  
 Peter T. Vargulich, Jr., Campbell

## College of Home Economics

Acting Dean: Lena Bailey

### Bachelor of Science in Home Economics

Linda Lee Annette, Columbus  
 Teri Louise Armentrout, Powell  
 Tamara Lynn Baird, Troy  
 Linda Jean Basinger, Columbus Grove  
 Mindeé Lee Beckett, Reynoldsburg  
 Rebecca Lynn Bennett, Canton  
 Julie Diane Beshara, Westerville  
 Deborah Elizabeth Betts, Pataskala  
 Cynthia Anne Blue, Mt. Sterling  
 Lori Ann Bohmer, Columbus  
 Lori Lee Bricker, Waverly  
 Joyce Kay Burgderfer, Bloomville  
 Catharine Ann Canestraro, Urbana  
 Kristi Lynn Carr, Columbus  
 Nancy Jo Charville, Milan  
 Susan Lee Cochran, Whitehouse  
 Katherine Rae Conn, West Milton  
 Tina Louise Coury, Zanesville  
 Holly Kay Covert, Columbus  
 Lisa Lyrae Davis, Gahanna  
 Teresa Michele Davis, Beavercreek  
 Robin Kay Doidge, Dover  
 Mark Douglas Dougan, Columbus  
 Bonnie Ann Dwellie, Sandusky  
 Janette Renee Farthing, Columbus  
 Kimberly Ann Fentress, Lima  
 Michael A. Fitzgerald, Columbus  
 Susan Michele Gottlieb, Toledo  
 Jennifer Amy Graham, Falls Church, VA  
 Suzanne Marie Grashaw, South Euclid  
 Wendy Zoe Greenberg, Anderson, IN  
 Carla Ann Guarasci, Columbus  
 Julie Ann Hackenbracht, West Lafayette  
 Debra Lee Huston, Richmond Heights  
 Cheryl Elaine Irvin, West Delaware  
 Alison Joyce Janes, Lakewood  
 Jennifer Lynn Johnson, Westerville  
 Janine Kaufman, Columbus  
 Mary Ann Keenan, Columbus  
 Leslie Elizabeth Keller, Columbus  
 Kelly Lee Kennedy, Cincinnati  
 Karrie Elizabeth King, Dayton  
 Marcie Beth Klein, University Heights  
 Laurie Ellen Kurnetz, Old Tappan, NJ  
 Laura Hazard Larcomb, Columbus  
 Brenda Gail Lash, Columbus  
 Lynn Anastasia Lechner, Springfield  
 Monica Wozniak Leissa, Columbus  
 Elizabeth Ellen Lilly, Springfield  
 Lucinda Lukasko-Koontz, Bexley  
 Mary Faye Mantey, Marion  
 Mary Jane Markus, Dayton  
 Margaret Ann McCarthy, Maumee  
 Karen Sue McCarty, Versailles  
 Beverly Elizabeth McDougal, Columbus  
 Lois Mae McGrath, Hilliard  
 Sharon McKelvie, Stratford, CT  
 Kathryn Lynn McLain, Westerville  
 Janice Margaret Mertz, Botkins  
 Lynne Ann Morehart, Columbus  
 Michelle LeeAnne Mroczak, Warren  
 Cynthia Marie Norden, Hilliard  
 Maureen Ann O'Connor, Columbus  
 Christine Ruth Olson, Cherry Hill, NJ  
 Beth Anne Otto, Copley  
 Gwendolyn Patricia Pace, Columbus  
 Hesus Antonio Pareja, Doylestown  
 Sheryl L. Parks, Highland Heights  
 Mitzi Lynn Pfeiffer, Forest  
 Mary Clare Platak, Lorain  
 Lori Ann Piper, Mt. Vernon  
 Kathryn Elaine Presar, Wapakoneta  
 Laura E. Radcliffe, Columbus  
 Roxanna Lynne Ratcliff, Columbus  
 Alice Marie Rath, Columbus  
 Theresa Marie Rhine, Lima  
 Cynthia Sue Richardson, Grove City  
 Leanne Scaife, Huron  
 Pamela Sue Scott, Columbus  
 Maribea Scullen, Youngstown  
 Tammy Lynn Sessi, St. Clairsville  
 Julie Denise Shipp, Zanesville  
 M. Elizabeth Sill, Chesterland  
 Cynthia Sue Sisson, Bidwell  
 Lynne Ann Smith, Columbus  
 Barbara Joy Speyer, Columbus  
 Donna Wesley Stephenson, New Philadelphia  
 Beverly Lee Stilwell, Baltimore  
 Nancy Joann Taylor, Zanesville  
 Patricia Anne Telpep, Cincinnati  
 Terri Lynn Thornsburg, Cincinnati  
 Terry Layne Tietz, Copley  
 Lori Ann Wagner, Kenton  
 Mary Robb Weasel, Columbus  
 Patricia Arlene Weiss, Ansonia  
 Sharon Davis Weyant, Columbus  
 Jocelyn S. White, Chillicothe  
 JoAnne Mae Wigtill, Columbus  
 Tonya Jane Willeke, Marysville  
 Sherry Lynne Wilkins, Harrod  
 Kathryn Margaret Winebrenner, Marengo  
 Karen Farmer Wise, Columbus  
 Kimberly Ann Womack, Reading  
 Jody Lynn Smith Wright, Columbus  
 Ellen Louise Yeary, Columbus  
 Lisa Sebransky Yessenow, University Heights  
 Jean Ann Zimmerman, Fairview Park

### Bachelor of Science in Nutrition

Linda Elizabeth Francetic, Euclid  
 Tonya Michelle Jewell, Jackson  
 Amy Carol Stocker, Wooster  
 Paul Jonathon Wiseman, Jr., Canton  
 Raquel Leora Zamir, Cleveland Heights

### Bachelor of Science in Restaurant Management

Ellen Marie Blackburn, Parma  
 Mark Douglas Droese, Conneaut  
 Temple Roane George, Columbus  
 Julia Caryl Herfel, Columbus  
 Lois Ann Kahle, Kalida  
 Ellen Louise McGuire, Monterey

## College of Law

Dean: James E. Meeks

### Juris Doctor

Walker Mayo Allen, Dayton  
B.A. (University of Puget Sound)

Joyce Melissa Averils, Georgetown, SC  
B.A. (University of South Carolina)

Bridget Annette Bacon, Clayton  
B.A. (Denison University)

Deborah Nay Bahnsen, Columbus  
B.S.

John Randolph Balch, Bexley  
B.A. (Wittenberg University);  
M.H.S.A. (University of Michigan)  
M.B.A. (University of Toledo)

H. Randy Bank, Shaker Heights  
B.A. (Kenyon College)

Ronald Steven Bates, Xenia  
B.S. (Eastern Kentucky University)

Brent Deane Benjamin, Columbus  
B.A.

Nancy Truitt Blosser, Kent  
B.A. (Miami University)

David Harold Braff, Chagrin Falls  
B.A. (Cleveland State University)

Steven Martin Brown, Worthington  
B.A.

John Anthony Bull, Cincinnati  
B.C.S. (University of Iowa)

Mark William Bury, Hudson  
B.A.

Florence Goldberg Bush, Silver Spring, MD  
B.A. (Oberlin College)

Melanie A. Campbell, Kettering  
B.S. (Miami University)

Theresa Lynn Carter, Columbus  
B.S. (Marquette University)

Arthur Latimer Clements, Cleveland  
B.A. (Yale University)

Daniel Joseph Connors, Portsmouth  
B.B.A. (University of Notre Dame)

Chauncey Lance Cooper, Detroit, MI  
B.A. (University of Michigan)

Paul Standish Coppel, Chillicothe  
B.A.

David B. Cosgrove, Cincinnati  
H.A.B. (Xavier University)

Marianne Crosley, Bay Village  
B.A. (Colgate University)

James Kurt Cutright, Chillicothe  
B.A. (Miami University)

Joseph Michael Diangelo, Mason  
B.S. (Ohio Northern University)

Robert Wendell Dibert, Paducah, KY  
B.S. (Northwestern University)

Jacqueline F. Dietz, Reynoldsburg  
B.S. (Bowling Green State University)

Richard Guido DiMichele, Cleveland  
B.A. (Case Western Reserve University)

Anne Marie Donnelly, Dayton  
A.B. (University of Michigan)

Harold Brady DuBois, Kent  
B.A. (Denison University)

Glen Alan Dugger, Columbus  
B.A. (Ohio University)

Catherine Telles Dunlay, Cincinnati  
B.A. (University of Cincinnati)

Samuel Montgomery Duran, Columbus  
A.B. (University of Michigan);  
M.A. (University of Denver)

Paul Robert Edgar, Columbus  
B.S. (University of Cincinnati);  
M.S.

Stephen Brian Ellman, Columbus  
A.B. (Brandeis University)

John Jeffrey Finochiaro, Dayton  
B.A. (Miami University)

Elliot Tod Fishman, Columbus  
A.B. (Miami University)

William Scott Fowler, Olmstead Falls  
B.A. (Ohio Wesleyan University)

Barbara Lynn Freedy, Upper Arlington  
B.A.

William Arthur Fulmer, Shaker Heights  
B.A. (Kenyon College)

Melissa Ann Gallagher, Worthington  
B.A.

Lyle William Ganske, Graytown  
B.S. (Bowling Green State University)

Michael William Gleespen, Toledo  
B.A. (University of Cincinnati)

Francis Xavier Grady, North Olmstead  
B.S. (Georgetown University)

James Edward Green, Akron  
B.A. (University of Akron)

Robert Matthew Greggo, Toronto  
B.A. (University of Akron)

Wendy Hawkins Gridley, Reynoldsburg  
B.S. (Virginia Polytechnic Institute and State  
University)

Kenneth Ramon Griffin, Parmelee, NC  
B.A. (University of North Carolina)

Rand Steven Haimes, Lyndhurst  
B.S. (Miami University)

James William Harlan, Dayton  
B.A. (Wright State University)

Robert Gerald Hart, Fremont  
B.A. (Loyola University of Chicago)

Janet Jay Henry, Chillicothe  
B.A. (Michigan State University)

Steven Douglas Hinkle, Centerville  
B.S.

Paul Thomas Hoying, Ft. Loramie  
B.S. (University of Dayton)

Guy Robert Humphrey, Burton  
B.S. (Kent State University)

Kathleen Marie Ingram, Springfield, MA  
B.A. (College of the Holy Cross)

Michael Lee Inscore, Mansfield  
B.S.

Judith Anne Jackson, Oberlin  
B.A. (Miami University)

Mark Ira Jacobs, Toledo  
B.A. (University of Michigan)

Stephen Howard Johnson, Elyria  
B.A. (University of Kentucky)

Glenn Derrick Kacic, Richfield  
B.A. (Miami University)

Jerry Kenji Kasai, Columbus  
B.A. (Miami University)

Jon Michael Kasimov, South Euclid  
A.B. (University of Michigan)

John Robert Kassinger, Cuyahoga Falls  
B.A. (University of Akron)

H. Janet Kater, Winchester, VA  
B.S. (Delaware Valley College);  
M.S.

John William Kearns, Lisbon  
B.A. (Youngstown State University)

John Pearson Kelly, Bellefontaine  
A.B. (Harvard University)

Rusty Kendig, Canton  
B.S. (Northwestern University)

Lawrence Duane Kerr, Finleyville, PA  
B.S. (Washington and Jefferson College)

Susan Lynn Kirchner, Aurora  
B.A.

Eric Felix Kleinfeld, Cincinnati  
B.A. (Miami University)

James Norman Kline, Beachwood  
A.B. (University of Michigan)

Kathleen Meredith Knisely, Grove City  
B.A. (Denison University)

Christopher Martin Kohn, Marietta, GA  
B.A. (University of Dayton)

Allen Jonathan Koslovsky, Beachwood  
A.B. (University of Michigan)

Leslie Beth Kramerich, Lyndhurst  
B.A. (Case Western Reserve University)

Karen Ann Krisher, North Canton  
B.A. (Wittenberg University)

Gregory Edward Land, Covington, KY  
B.A. (University of Cincinnati)



Matthew Christopher Lawry, Columbus  
B.A. (University of Chicago)

Bruce Charles Lazear, Columbus  
B.A.

Judith Ann Leb, Canton  
B.A. (Miami University)

Lyndean Lenhoff, Youngstown  
B.A. (Albion College)

Carol Gilkey Lin, Columbus  
B.A.

James Francis Long, Middletown  
B.A. (Ohio Northern University)

Evette Diana Lutman, Akron  
B.A. (Ohio University)

John Howard Lynch, Huron  
B.A. (Ohio Wesleyan University)

George Alpheus Lyons, Thompson  
B.A. (Wittenberg University)

Charles Jeffrey Mack, Chesterland  
B.A. (University of Michigan)

John V. Magee, Xenia  
B.S./S.E.

Donna Marie Marhevka, Cleveland  
B.S.

John Francis Martin, Akron  
B.A. (Miami University)

Aristotle Ricky Matsa, Columbus  
B.S., Master of Architecture

Paul Matsuo Matsusaka, Newton, MA  
B.A. (University of Michigan)

John Francis McCabe, Des Plaines, IL  
B.S. (Northern Illinois University)

Craig Thomas McClung, Middletown  
B.A.

John Melidis, Chicago, IL  
A.B. (University of Illinois at Chicago Circle)

Barry Alan Menster, Columbus  
B.A. (American University)

Mary Julianna Miller, Columbus  
B.S. (University of Mississippi)

Michael Stratton Miller, Cincinnati  
B.A. (University of Cincinnati)

Steven Worthington Miller, Columbus  
B.S.M.E.

Robert Alan Mitchell, Shaker Heights  
B.A. (Ohio Wesleyan University)

Alexander Mitrovich, New Concord  
B.A. (Oberlin College)

Judith Lynn Monastr, Mansfield  
B.S. (Ohio Northern University)

Richard Gary Montevideo, Niles  
B.S.

Colleen Lily Mooney, Columbus  
B.A. (Marshall University)

Barbara M. Moultrie, Orangeburg, SC  
B.A. (South Carolina State College)

Olinda Moyd, Baltimore, MD  
B.S. (Coppin State College)

Raymond Joseph Mularski, Gahanna  
B.A.

Richard Edward Nau, Urbana  
B.A. (Dartmouth College); M.B.A. (Dartmouth  
Amosulic School of Business Administration)

Demetries Jo Neely, Clover, S.C.  
B.A. (Johnson C. Smith University)

Sylvia Sue Neff, Columbus  
B.S. (St. Louis University)

Richard Herbert Newkold, Dayton  
B.A. (University of Dayton)

Jeffrey Lee Nischwitz, Dayton  
B.S. (Ohio Northern University)

James Bowen Noble, Columbus  
B.A. (Lawrence University)

Judith Ann Northrup, Tulsa, OK  
B.A. (University of Tulsa)

Michael J. O'Reilly, Westerville  
B.A. (Miami University)

Robert James Orr III, Columbus  
B.A. (Heidelberg College)

Robert Thomas Pappas, Cincinnati  
B.A. (Carleton College)

Pamela Sue Parsons, Bloomington  
B.S.

James O'Rourke Payne, Jr., Dayton  
A.B. (Dartmouth College)

Jeanne Nordheim Pfister, Powell  
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David William Phillips, Milford, MI  
B.A. (Michigan State University)

Christopher Elworth Pon, Columbus  
B.S. (State University of New York)

Pierre Warren Priestly, Cleveland  
B.A. (Mercyhurst College)

Melanio Riloraza Quintos, Northport, NY  
B.E. (S.U.N.Y. at Stony Brook)

Robin Rebecca Rader, Mansfield  
B.A.

Katherine Bryant Raup, Springfield  
B.A. (Wittenberg University)

Robert Wallace Reeder III, Canfield  
B.S. (Youngstown State University)

Sue Ann Reulbach, Bexley  
B.A.

Karen Ann Riesterberg, Cincinnati  
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Marilena Rinaldi, Steubenville  
B.S.

Smeeta Satchidanand Rishi, Pittsburg PA  
B.S. (Penn. State University)

Richard Edward Romeo, Columbus  
B.A. (Northwestern University);  
M.A.

Brent David Rosenthal, Columbus  
B.A., M.C.R.P.

Kenneth Merle Roth, Marion  
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Robert Alan Royer, Northfield  
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Margaret Waller Rummel, Cincinnati  
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Lois K. Ruszala, Midland, MI  
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Karen Patricia Sampson, Canton  
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Danna Lee Scher, Cleveland  
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Christiane Ward Schmenk, Wardstock  
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Mitchell Craig Schneider, Pepper Pike  
B.A.

James Pierre Seguin, Toledo  
B.B.A. (University of Toledo)

Patricia Ann Shlonsky, Columbus  
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Craig Alan Smith, Columbus  
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Daniel Scott Smith, Maple Heights  
B.A. (Hiram College)

Elizabeth Thym Smith, Piqua  
B.A. (Heidelberg College)

Julia Marie Smith, Fort Jennings  
B.A. (University of Dayton)

Quintin Franc Smith, Kettering  
B.A.

Robin Koepf Smith, Toledo  
B.A.

Sharon Leslie Sobol, Columbus  
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Karen Ann Soehnen, Navarre  
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Claudette Marie Spanel, Dayton  
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Jean Lou Stacker, London  
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Michael Anthony Staudt, Akron  
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Neil Philip Stern, Beachwood  
B.A. (Oberlin College)

James Robert Stokes, Buchanan, MI  
B.A. (Michigan State University)

Robert Michael Stroh, Boardman  
B.A. (Youngstown State University)

Carol Ann Surrel, Steubenville  
B.A. (University of Michigan)

Mitchell Matthew Talian, Dayton  
B.A.

William Gerard Teeven, Kettering  
B.A. (Wright State University)

Susan Marie Teigland, Maumee  
B.A. (Wittenberg University)

Michael John Thacker, Dayton  
B.S. (Miami University)

Kathryn Anne Thomas, Lakewood  
B.S.

Diana Kury Thompson, Columbus  
B.S.

Karen S. Timko, Columbus  
A.B. (Youngstown State University)

Brent Alan Titus, Grand Blanc, MI  
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Michael Francis Urse, Columbus  
B.S.

Henry Bruce von Ohlen, Powell  
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Richard Glenn Waldron, Gahanna  
B.S. (Ohio University)

Mark Gerard Waters, Cincinnati  
A.B. (Xavier University);  
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Bonnie Jeanne Weaver, Chillicothe  
B.A.

Margaret Luane Weissbrod, Cleveland Heights  
B.A. (College of Wooster)

Gary Steven. Welbaum, Massillon  
B.S. (Ohio Northern University)

Roger Wertheimer, Beachwood  
B.S. (Cornell University)

Michele Hilden Willard, Marietta  
B.A. (Emmanuel College);  
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Camille Elaine Willis, Chicago, IL  
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Sarah Jane Wilson, Montpelier  
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Robert John Winston, Mansfield  
B.A.

Ronald Dean Wright, Sabena  
B.S. (Ohio Northern University)

Martin T. Wymer, Ravenna  
B.A. (University of Cincinnati)

David Lynn Yaussy, Ontario  
B.A. (Otterbein College)

Dale Richard Yurovich, Lorain  
B.A.

Marcia M. Zand, Columbus  
B.A. (Amherst College)

Iwona Nelli Zimnochow, Cleveland  
B.A. (Indiana University-Bloomington)

## College of Medicine

Dean: Manuel Tzagournis, M.D.

### Doctor of Medicine

Paul John Ackerman, Toledo  
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Keith James Alexander, Pemberville  
B.S.

James Norman Allen, Jr., Columbus  
B.A. (Miami University)

Dana Patrick Anderson, Westerville  
B.A. (Miami University)

Anthony Raymond Arn, Centerville  
B.A. (Miami University)

Rebecca Anne Baker, Chagrin Falls  
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Susan Matilda Ball, Granville  
B.A. (Bryn Mawr College)

Michael Scott Barg, Cincinnati  
B.S. (University of Cincinnati)

John Battaglia, Cleveland  
B.A. (Pomona College)

Gregory John Beck, Reading  
B.S.

Timothy Scott Benadum, Westerville  
B.A. (Denison University)

Larry Alan Binkovitz, Granville  
B.S. (Capital University)

Michael John Blake, Grove City  
B.S.

Mitchell David Botney, Columbus  
B.S. (University of Michigan)

Brian Lance Bowyer, Toledo  
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B.S. (University of Cincinnati)

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B.S. (University of Toledo)

John Stanley Burnham, Mayfield Village  
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B.S. (Duke University)

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Roger Blake Chaffee, Sharon Center  
B.S. (Ohio Wesleyan University)

Vijay Prem Chandhani, Toledo  
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Patrick Alan Cleary, Fort Wayne, IN  
A.B. (Indiana University);  
M.A. (Ball State University);  
Ph.D.

Gary Arthur Cobb, Washington, Court House  
B.S. (Bob Jones University);  
M.S. (Wright State University)

Michael Thomas Coccia, Wooster  
B.S. (Kent State University)

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B.A. (Indiana University)

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Chris Ann Conway, Chagrin Falls  
B.S. (University of Wisconsin-Madison)

Kevin Lee Cooper, Warren  
B.S. (Youngstown State University)

Robert David Cooper, Bay Village  
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B.S. (Ohio Wesleyan University);  
M.A.

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B.A. (Earlham College)

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B.S. (Muskingum College)

James Albert Day, Cincinnati  
B.S. (Edgewood College)

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B.S. (University of Cincinnati)

Marjorie A. DeMund, Akron  
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George Anthony DeSilvester, Lorain  
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Yuri Antin Deychakiwsky, Cleveland  
B.S., M.S. (Case Western Reserve University)

Cynthia Louise Deyling, Independence  
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B.S.

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Vincent Lee Guinn, Cincinnati B.A. (Oberlin College)	Marcia Ann Krause, Upper Arlington B.S.	Irene Renee Mirkin, Youngstown B.S.
Carl Edward Hardy, Salem B.S. Ph.D.	Sandra Evelyn Lane, Columbus B.A. (Kenyon College)	Susan Louisa Montauk, Columbus B.S. (University of Cincinnati)
Wesley James Harnish, Port Clinton B.S. (Baldwin-Wallace College)	Diane Marie Lanese, Wickliffe B.A. (Case Western Reserve University)	Robert William Moore, Dayton B.S. (Wright State University)
Jesse David Harris, Byhalia B.S.	Antoinette L. LaValley, Toledo B.S., M.S.	Jay Kevin Morgan, Columbus B.A.
Steven Edward Haun, Smithville B.A. (Taylor University)	David Thomas Lee, Dayton B.S.Ch.E. (University of Cincinnati)	Steven Joel Morgenstern, Columbus B.A. (Boston University)
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Jeffery B. Hiltbrand, Cincinnati B.S.	Kaye Ann Linke, Genoa B.S.	Robert David Mosteller, Cuyahoga Falls B.S. (Wheaton College)
Douglas Charles Hingsbergen, Hamilton B.A. (St. Louis University)	Joseph George Lutz, Jr., Cincinnati B.S. (University of Cincinnati)	Amanda Muench Rauck, Miamisburg B.S.
	Deborah Joanne Lynn, Columbus B.A. (Amherst College)	

Douglas Alan Myers, Frazeeburg  
B.S.

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B.S.E.E., M.S.E.E. (Purdue University)

Brett Joseph Needham, Muskegon, MI  
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Don Jerry Nishiguchi, San Diego, CA  
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Molly Jane Norris, Grove City  
B.S.

A. Michael Novena, Columbus  
B.S.

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Mark Julius Pellegrino, Canton  
B.S.

Keith Allen Perrine, Dayton  
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Thomas Edwin Phelps, New Canaan, CT  
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B.S.

Richard Michael Polder, Parma  
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Andrew Gregory Poulos, Warren  
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Cynthia Lee Putinski, Cleveland  
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Charles Riley Rauck, Grove City  
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Mark Allison Ringle, Columbus  
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Lisa Stein Rosen, Cincinnati  
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Jack Michael Rosenberg, Wyoming  
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Alan Robert Sacolick, Youngstown  
B.S. (University of Cincinnati)

Jack Takashi Sakai  
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Gregory L. Salzman, Columbus  
B.S.

Marc Godfrey Schlatter, Toledo  
B.S. (Indiana University)

Carl Thomas Schleich, Hilliard  
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Dana Joseph Schultz, Cincinnati  
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Michael Earl Scovner, Columbus  
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Ramsey Steir, Lorain  
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Philip Eugene Short, Pettisville  
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Lawrence William Smith, Columbus  
B.S.

Scott Brian Smith, Zanesville  
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Stephen Scott Snedden, Sandusky  
B.A.

Robert Alan Starr, Youngstown  
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Mark Allyn Stiff, Akron  
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Beverly Ann Stoops, Wabash  
B.A. (Wheaton College)

Eric Cameron Strain, Chagrin Falls  
B.A. (Amherst College)

James Michael Sudmack, Warren  
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Edward Lewis Tremoulis, Alliance  
A.B. (Miami University)

Steven Alan Turner, Montreal, Quebec  
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Rudolph Jesse Vela, Westlake  
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J. Michael Vento, Parma  
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Thomas Richard Vetter, Akron  
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Stephen Joseph Voto, Bergenfield, N.J.  
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Charles Edward Werner, Jr., Chillicothe  
B.S.

Cynthia Jane White, Middleburg Heights  
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Stephen William Wilde, Harvey, IL  
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Susanna Spencer Wilkens, Toledo  
B.S.

Brenda Anne Williams, Tiffin  
B.S. (University of Minnesota)

Marc Semyan Williams, Youngstown  
B.S. (Youngstown State University)

Jeffrey Craig Wilson, Masury  
B.S. (Lynchburg College)

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Margaret Ann Word, Cincinnati  
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Francis McGill Wright, Dayton  
B.S. (Wright State University)

James R. Wright, Jr., Columbus  
B.S., M.S.

Timothy John Wynn, Mansfield  
B.S. (Marietta College)

Warren Kyle Yamarick, Circleville  
B.A. (Denison University)

Randall Scott Yessenow, Lima  
B.S. (Case Western Reserve University)

## School of Allied Medical Professions

### Bachelor of Science in Allied Health Professions

Cathy Marcia Adler, Toledo  
Delores Corinne Arnotrading, St. Thomas, Virgin Islands  
Ann Armstrong-Tamanini, Columbus  
Karen Lynne Bahan, Springfield  
Jean Ann Baker, Sylvania  
Carrie Louise Bannasch, Springfield  
Joyce Ann Barlage, Miller City  
Mary M. Barrett, Knox, PA  
Bobbie Lou Bates, Warren  
Kelly Deanne Bennett, Mechanicsburg  
Suzanne Lynn Benya, Parma  
Steven Ray Bitticker, New Philadelphia  
Christine Bolish, Tiffin  
Nancy Jane Bollenbacher, Marion  
Michele Ann Bolocanoff, Euclid  
Susan Marie Borck, Wauseon  
Brian James Brickner, Tiffin  
Linda Kathleen Bruns, Yorkshshire  
Renée Marie Buccu, Youngstown

Kelly Marie Busby, Cincinnati  
 Pamela Fitch Campbell, Marion  
 Lori Jean Capron, Attleboro, MA  
 Christine Marie Chandler, Upper Sandusky  
 Jacqueline J. Chapman, Dayton  
 Steven Ping Chin, Columbus  
 Magdalene Justin Chruski, Lorain  
 Ronald S. Chung, Ravenna  
 Christine Marie Ciancone, Warren  
 Daniel Joseph Cipriani, Toledo  
 Sandra Lynn Claar, Chillicothe  
 Rebecca Jane Clarke, Morrow  
 Kathleen Ann Connelly, Lakewood  
 Peggy Lee Conner, Olmsted Falls  
 Carol Yvonne Cook, Pittsburgh, PA  
 Anita Joan Cox, Columbus  
 Cydney Renée Craig, Mt. Vernon  
 Lawrence Michael Cugino, Niles  
 Verna Marie Curry, Youngstown  
 Sandra Eileen Daniels, Pickerington  
 Lisa Jane Daubenmire, Lancaster  
 Michelle Elaine Decker, Dublin  
 Pamela Jane DeShazo, Middletown  
 Melanie Jane Ditzler, Brinkhaven  
 Daniel Joseph Doogan, Cincinnati  
 Deborah Ann Doty, Stow  
 Mary Rachel Douglas, Pleasant City  
 Paula Jo Downard, Irondale  
 Elizabeth Irene Rubadue Downing, Columbus  
 Jeffrey Lee Edmondson, Cleveland  
 Donna Rae Ell, Cincinnati  
 B.A. (University of Cincinnati)  
 Barbara Lynn Ramsey Elliott, Columbus  
 B.S. (Miami University, Oxford)  
 Kallen Mary Fay, Dublin  
 Julia Ann Fields, Lockbourne  
 LeAnn Marie Fisher, Milbury  
 Scott Louis Fisher, Tiffin  
 Michelle Beck Fowler, Cortland  
 Karen Estelle Frederick, East Liverpool  
 Carla Ann Friend, Warren  
 Carla Dawn Fulton, Marysville  
 Aleta Maria Gardner, Columbus  
 Joyce Ann Geib, Lakewood  
 Kathy Marie Geier, Delphos  
 Karla Sue Gerdeman, Delphos  
 Marni Elizabeth Graham, Columbus  
 Nancy Renée Haas, Marietta  
 Susan Margaret Hagedorn, Monroeville, PA  
 Christine Ann Hahn, Bellevue  
 Julie Lynn Hallis, Parma  
 Regina Ann Hampton, West Chester  
 Vicki Jane Handmacher, Beavercreek  
 Lisa Ann Harmon, Cincinnati  
 Wendy Jones Hart, Wyoming  
 Kay Lynn Hassig, Canton  
 Michael William Hays, Reno, NV  
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 Carole Marie Hlebovy, Youngstown  
 Richard William Hohann, Cuyahoga Falls  
 Karin Ellen Humpal, Solon  
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 Steven Leonard Hunter, Tiffin  
 Humda Altaf Hussain, Columbus  
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 Roberta Kathleene Jaycox, Caledonia  
 Rebecca Ann Joehlin, Curtice  
 Shelly Kay Johns, Hillsboro  
 Melinda Anneve Johnson, Canton

Dolores June Jones, Galion  
 Ronald Joseph Kaminski, Garfield Heights  
 Connie Lambert Keller, Baltimore  
 Terry Lynn Kempton, Chillicothe  
 Terri Lynn Kister, Stow  
 Jacqueline Marie Klepper, Sandusky  
 Lynn Renée Knoepfle, Kettering  
 Cynthia Marie Kopyar, Cambridge  
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 Ruth Ann Lay, West Mansfield  
 Jane Cecilia Long, Willard  
 Valerie Ladd Loudonback, Wooster  
 Annette Marie Lowery, Fostoria  
 Jolene Ann Lucius, Columbus  
 Cynthia Marie Martin, Williamston, NC  
 Desirée Martz, Cincinnati  
 Suzanne Jean Materne, Dayton  
 Kellen Lee Meadows, Zanesfield  
 Karen Ann Mingus, Berlin Heights  
 Marian Lee Morris, Upper Arlington  
 Joan Lee Mucha, Painesville  
 Robin Lou Nelson, Ashland  
 Maureen Elizabeth Ann Nichols-Price, Maple Heights  
 Connie Marie Nissen, Curtice  
 Carolyn Louise Nye, Worthington  
 Leslie Madaline Olson, Midland, TX  
 Erin Leigh O'Neill, Seville  
 Jean Evelyn Osborn, Johnston  
 Joseph Stewart Oxley, Columbus  
 Jeffrey Christopher Pabst, Canal Winchester  
 Catherine Ward Marcum Patterson, Columbus  
 Lois Ann Pauly, Dayton  
 Lisa Ann Pearson, Parkersburg, WV  
 Eva Petkac, Hinckley  
 Shelley Denise Pigg, Columbus  
 Jean Denise Pohl, Maria Stein  
 Tina Annette Rains, Springboro  
 Jera Lynn Ratliff, Lewisburg  
 Jeannine Reese, Elida  
 Donna Marie Richey, Lima  
 John Edward Richey, Tiffin  
 Stephanie Risteff, Springfield  
 Suellen Rader Romick, McComb  
 Patrice Rongone, Bedford  
 Cynthia Scarbrough Ross, Wintersville  
 Sharon Lee Rupert, Hudson  
 Jo Ann Sabelli, Youngstown  
 Suzanne Marie Sasso, North Canton  
 Elizabeth Ann Schick, New London  
 Molly Sue Schram, Massillon  
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 Mark Anthony Seidl, Waynesville  
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 Toni Ann Storza, Newark  
 Lisa Anne Shoemaker, North Royalton  
 Elizabeth Allen Shuttleworth, Columbus  
 B.S. Agr.  
 Karen Diane Speers, Langhorne, PA  
 Tammy Sue Stamper, Lucas  
 Charles Richard Stein, Jr., Clyde  
 Marion Goertzel Stern, Bexley  
 B.A. (Wellesley, MA)  
 Ph.D. (University of Pennsylvania Philadelphia, PA)  
 Jeffrey Wade Stevenson, Marion  
 Judith Gay Stewart, Madison  
 James Stoshak, Columbus  
 B.A.  
 Leslie Ann Stout, Utica

Mark Lawrence Stram, Toledo  
 Beth Charlotte Strasshofer, Lyndhurst  
 Anita Hammar Studer, South Euclid  
 Sharon Lottie Synk, Euclid  
 Maurine Lea Tate, Northfield  
 Dianna Dawn Tavtigan, Swanton  
 Terri Ann Toerner, Hamilton  
 Cheryl Ann Toman, Medina  
 Eric Henry Tomasetti, Wooster  
 Patricia Jean Toth, Norton  
 Anne Marie Trepanier, Rocky River  
 Michael Charles Troike, Sandusky  
 Jennifer Lynn Valko, Columbus  
 Karen Ann Van Velson, Canal Fulton  
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 Kenneth Patrick Vieth, Lebanon  
 Jonathan Leslie Warner, St. Marys  
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 Mark Donald Weber, Oxford  
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 Susan Joy Wolff, Xenia  
 Jacqueline Kim Woo, Willowick  
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## Certificate of Post Baccalaureate Circulation Technologist

Cheryl Lynn Cook, Weirton, WV  
 B.S.

## The College of Nursing

Acting Dean: Kathryn T. Schoen

### Bachelor of Science in Nursing

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 Cheryl Marie Andreas, Marysville  
 Mary Catherine Andrews, N. Canton  
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 Susan Renee Arnos, Defiance  
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 Marianna Bedway, Wheeling, WV  
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 Amy Katrina Benedict, Westerville  
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 Carolyn Lee Berry, Portsmouth  
 Diane Marie Bizzarri, Akron  
 Marjorie Theresa Blake, Cleveland  
 Michelle Denise Blankenship, Cincinnati  
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 Wynette Jacqueline Bloom, Kenton  
 Lisa Ann Boccabella, Bellaire  
 Rebekah Sue Boone, Bellville  
 Karen Ann Brennan, Columbus  
 Rebecca Ellen Brooks, Columbus  
 Pamela Lynn Bross, Cincinnati  
 Beth Marie Bryk, North Royalton  
 Darlene Marie Buckingham, Willard  
 Marie Coleen Burch, Whitehall  
 Lisa Diane Burkhart, Woodsfield

Linda L. Cain, Circleville  
 Leslie Anne Caldwell, Shadyside  
 Diane Nelson Carlisle, Bay Village  
 Teresa Gene Carpenter, Belpre  
 Mary Ellen Champion, Metamora  
 Nancy M. Chen, Columbus  
 Carol Ruth Christianson, Mason  
 Mary Jo Cipkala, Youngstown  
 Debra Lynn Clark, Columbus  
 Vivian Denise Clay, Ironton  
 Elaine Susan Cohen, Akron  
 Karen Sue Collins, Avon Lake  
 Lisa Anne Conley, Cape May Courthouse, NJ  
 Candace Michele Cooperdier, Thornville  
 Brenda Lee Couch, Steubenville  
 Kathryn Joyce Crowell, Forest Park  
 Kimberly Jayce Cyphert, Columbus  
 Judith Elizabeth Dahl, Atlanta, GA  
 Christine Jane Daniels, Columbus  
 Joan M. Dickinson, Broadview Heights  
 Cheryl Jane Dickson, North Olmsted  
 Tina Marie DiFilippo, Steubenville  
 Lynnette M. Dobyns, Columbus  
 Janet Aebi Donoso, Alliance  
 Diane Kay Dornbusch, Columbus  
 Doreen Lynn Ellis, Winterville  
 Karen A. Enneking, Minster  
 John Richard Ewing, Columbus  
 Victoria Gale Fanning, Springfield  
 Linda Dawes Farrell, Columbus  
 Suzanne Marie Firallo, Bay Village  
 Denise Diane Fischer, Pickerington  
 Laura Renee Fleig, Dayton  
 Ann Regina Flinn, Columbus  
 Deidre Rae Foglesong, Stow  
 Jill Elizabeth Foley, Cleveland  
 John Stephen Foor, Columbus  
 Denise Coleman Franklin, Philadelphia, PA  
 Bernadette M. Gallagher, Akron  
 Lori Ann Gaus, Wheelersburg  
 Patricia Marie Gavanditti, Solon  
 Colleen Sue Gavin, Maumee  
 Sonya Kay George, Thornville  
 Mary Anne Gerken, New Bavaria  
 Suzanne Germann, New Vienna  
 Amy Margaret Gifford, Laconia, NH  
 Patricia Lynn Giogliotti, Vermilion  
 Julia Elizabeth Gingerich, Cleveland  
 Judy A. Graves, Circleville  
 Julie Ann Gray, Sylvania  
 Susan Robin Green, Philadelphia, PA  
 Jennifer Lynn Greenhalgh, Columbus  
 Christine Margareta Haley, Glenford  
 Teri Louise Heisel, Columbus  
 Karen Elaine Henry, St. Clairsville  
 Judith Julietter Henson, Hillsboro & Leesburg  
 MaryAnn Hester, East Liverpool  
 Tamara Marie Hollingsworth, Akron  
 Pamela Lee Horn, Columbus  
 Elizabeth Ann Hoyt, Chillicothe  
 Betty Jean Hriesik, Mansfield  
 Therese Marie Huerkamp, Cincinnati  
 Janet Suk-Fong Huie, Columbus  
 Jennifer Jo Jones, Canfield  
 Jeanne Marie Kaiser, Columbus  
 Jennifer Tracy Kelley, Centerville  
 Barbara Eileen Kern, Homeworth  
 Lynn Joseph King, Westerville  
 Christine Marlene Klump, Independence

Charlene Gaye Kurtz, Middletown  
 Leslie Kay Risner Laird, Marysville  
 Eric Adam Lasure, Bellaire  
 Sarah Anne Laux, Elyria  
 Deanna Lynn Leber, Perrysburg  
 Elizabeth Andrea Lee, Indian Shores, FL  
 Judith Carol Lee, Mansfield  
 Virginia Ruth Lisle, Columbus  
 Karen R. Lockett, Wadsworth  
 Tammie Joan Love, Shelby  
 Kimberly Sue Lower, Milledgeville, IL  
 Ann Catherine Lowry, Dayton  
 Vanessa Marie McCall, Cleveland  
 Katherine Mary McClure, Cincinnati  
 Jodi Ann McCormick, Rocky River  
 Donna Marie McGivern, Youngstown  
 Martha Ellen McKinley, Kenton  
 Judy Ann McLaughlin, Urbana  
 Leslie Ann McPeck, Newark  
 Russell Hugh McVicker, Cincinnati  
 Wanda Jean Maschari, Sandusky  
 Nancki S. Michel, Cincinnati  
 Anne Helen Mihelich, Strongsville  
 Janet Aileen Mikkila, Fairview Park  
 Cheryl Ann Miller, Green Springs  
 Jeanne Elizabeth Minard, Berwyn, PA  
 Linda Marie Mizer, Cambridge  
 Kathy Lynn Morrison, Columbus  
 Lisa Ann Musacchia, Cleveland  
 Susan Holman Neal, Galloway  
 Paula Ann Nickles, Wakeman  
 John S. Noble, Columbus  
 Molly Judith O'Connor, Worthington  
 Suzy Dawn Olin, Garrettsville  
 Lester Lynn Orweller, Delaware  
 Anna Kathryn Palmer, Bridgeport  
 Susan Michelle Paquette, Columbus  
 Janene Marie Paris, Boardman  
 Kimberly Sue Parker, McCutchenville  
 Patricia J. Parks, Columbus  
 James Edward Pearl, Bucyrus  
 Susan Marie Peoples, Columbus  
 Vickie Sue Perelman, Youngstown  
 Jody Susan Peterseim, Lancaster  
 Brenda Lee Pfeiffer, Columbus  
 Catherine Ann Poling, Columbus  
 Melody Lynne Popovska, Columbus  
 Amy Catherine Ralston, Sandusky  
 Jennifer Loren Rand, Cincinnati  
 Laura Louise Rathbun, Wintersville  
 Kathy Sue Reeves, London  
 Deanna Sue Renick, Bellefontaine  
 Janis Lynn Riepenhoff, Lima  
 Leslie Howe Robinson, Akron  
 Pamela Sue Russell, Stow  
 Mary Ann Rybski, Columbus  
 Sarah Ann Schaffer, Wadsworth  
 Leslie Sue Sheppard, Delaware  
 Valerie Jean Shetler, Perry  
 Deborah Anne Smercansky, Poland  
 Karen Marie Smith, Cleveland Heights  
 Sonia Marie Smith, Lima  
 Sue Michael Smith, Sr., Mansfield  
 Karen Marie Sorg, Findlay  
 Kristina Lee Spar, Ada  
 Tamison Kelsey Strong, Meriden, NH  
 Laura Lynn Swartz, Berea  
 Stella Grace Tagulam, Beavercreek  
 Leslie Ann Taylor, New Matamoras

Margaret Lee Taylor, Columbus  
 Mary Elizabeth Thornton, Vandalia  
 Susan Brooke Toy, Springfield  
 Leslie Ann Vargo, St. Clairsville  
 Vivian Eise von Gruenigen, Kettering  
 Mary Margaret Wahl, Canfield  
 Kimberly Ann Walker, Madison  
 Anne Dudley Warren, Columbus  
 Theresa Ann Weirich, Massillon  
 Edward John Weisenberger, Tiffin  
 Gay Lea Weller, Willard  
 Jane Sue Wentworth, Bellbrook  
 Victoria Linn Wheaton, Mansfield  
 Sandra Marie Wigen, Columbus  
 Darci Lynne Wilcox, Ravenna  
 Brenda Lee Willis, Reynoldsburg  
 Leanne Marie Wilson, Newbury  
 Carl Taylor Wise, Columbus  
 Jeanne Lynn (Presley) Wise, Columbus  
 Annette Lynn Wisniewski, Greenville, PA  
 Nora Ann Wunderle, Ravenna  
 Denise Marie Wurth, Kalida  
 Gail Ann Wych, Brecksville  
 Jennifer Lee Yerkey, Mansfield  
 Karen Mardelle Yuhas, Delaware  
 Lisa Martha Zerull, Cincinnati  
 Robert Paul Zhun, Shaker Heights

## College of Optometry

Dean: Frederick W. Hebbard

### Doctor of Optometry

Giselle Amsterdam, Cleveland Heights

Laurie Elizabeth Andrews, North Olmsted

Joseph Michael Bannon, Shadyside  
 B.S., B.S.

John Eugene Bateman, South Sioux City, NE  
 B.S. (University of Nebraska) B.S.

James Kevin Berry, Defiance

Steven Edward Bilon, Lima  
 B.S.

Randall Hays Blevins, Middletown  
 B.S. (Eastern Kentucky University)

William Edwin Boshinski, Englewood  
 B.S. (Wright State)

Carole R. Burns, Chardon

Thomas Joseph Chambers, Tiffin

Mariann DiFrank, Toledo B.S.

Daniel Richard Eckermann, Millbury

Gregory Allen Fair, Genoa

Roger F. Filips, Spencer, NE

Janine L. Flood, Dundee

Michael B. Fogarty, Springfield

Paul Gregory Forsyth, Jackson

Daniel Gunn Fuller, Elyria  
 B.S. (Purdue University)

Gregory Joseph Gallagher, Canfield  
B.S.

Robert James Gerdes, Conneaut  
B.S.

Alan Young Gillogly, Grove City

Steven Arthur Glassman, Cincinnati  
B.A., B.S. (University of Cincinnati)

Richard Henry Goelner, Concord Township

Michael Willard Gordon, Rochester, MN  
B.S. (St. Cloud State)

Thomas W. Grange, Grand Island, NE

Sanford Mark Gross, Shaker Heights

Mary Lynne Gulling, Louisville

Susan Nancy Haldeman, Broadview Heights

Alan Scott Hecht, Faribault, MN  
B.A. (Luther College)

Jean Skoog Heisman, Hillsboro  
B.S.

David H. Hettler, Lorain  
B.S.

Gregory Willard Hicks, Tiffin

John Paul Hlavaty, Maple Heights

Greg Noel Hogan, Omaha, NE

Richard Allen Kershaw, Kirtland  
B.S., M.S., Ph.D.

Daniel James Koch, Tallmadge

Susan Ann Kurland, Beachwood  
B.A. (St. Louis University, Washington D.C.)

William John Lapple, Rochester, N.Y.  
B.S.

Jeffrey Stephen Larson, New Brighton, MN  
B.S. (University of Minnesota)

Martin David Levitin, Columbus  
B.S.

William R. McLaughlin, Columbus

Jeffrey Allen Myers, Groveport  
B.A. (Otterbein); B.S.

Timothy W. O'Leary, Zanesville

Lance Neil Olson, Bimford, N.D.

Marcy Rose, Chagrin Falls  
B.S.

Lawrence Jay Roth, Akron

Cheryl Shaw Runkle, Wapakoneta  
B.A. (DePauw University)

Scott Hamilton Seipel, Steubenville

Steven Alexander Shadwick, Newark  
B.A. (Miami); B.S.

Brian Ray Stahl, Beavercreek

Jeffrey Van Swearingen, Portsmouth  
B.S.

Susan McGinnis Truitt, Ashland

Bruce Alan Vasiloff, Barberton

William Kirk Vincett, Jr., Pittsburgh, PA

David William Wineand, Athens  
B.S. (Ohio University)

Ruth Ann Winkler, Upper Sandusky  
B.S. (Bowling Green)

Duane Leslie Wires, Columbus

Sarah Warne Yost, Westerville

David N. Zeuch, Bay Village  
B.A. (Otterbein)

## College of Pharmacy

Dean: Albert H. Soloway

### Bachelor of Science in Pharmacy

Kathryn Ann Alinkas, Grove City

Karen Diann Anderson, Hannibal

Blair Lynn Basye, McComb

Monica Elizabeth Bednar, Youngstown

Donna Jean Bender, Fort Loramie

Robert Craig Boldry, Barberton

Angela Renee Brookhart, Celina

Daniel William Chaneske, Columbus

Amy Joyce Cuneo, Powell

Kathryn Annette Davids, Columbus

Richard Douglas Dembski, West Jefferson

Sandra Louise Dieringer, Defiance

Colleen Brigit Duggan, Columbus

Richard Lee Emery, Bellevue

Cheryl Cuihane Esser, Powell

Beverly Ann Fair, Millersburg

Dorothy Mara Farber, Columbus

Carl Roger Fleser, Waverly

Thomas John Fortunato, Jr., Poland

Edward John Fromm III, Poland

Henri Louis Goulet, Columbus

Laura Elaine Hall, Columbus

Molly Ann Harris, Canton

Patricia Anne Hehemann, Cincinnati

Julia Anne Hessler, Columbus

Ron Michael Johnson, Wheelersburg

David Patrick Keenan, Barberton

William Cephas Kelley III, Ashland

Lori Jean Kratz, Massillon

Bertha Hiotios Krickenbarger, Bellaire

Terry Len Laurila, Ashtabula

Timothy Scott MacTaggart, Elyria

Mark Alan Manfresca, Steubenville

Jane Lynn Matre, Seven Mile

Mary Elaine McCabe, Galloway

Susan Ruth McIlwaine, Wooster

Gene Gavin Metz, Painesville

Gary Duane Monte, Lakewood

Meredith Fidencia Muizenberg, Curacao,  
Netherlands Antilles

Claudia Ann Ongaro, Gahanna

Barbara Susan Orlosky, Vienna

David Alan Palusak, Cambell

Carol Ann Pamer, Barberton

Laurel Elizabeth Penman, Wintersville

Steven Paul Petrozzi, St. Clairsville

John James Ragaji, Norton

David Michael Rebeck, Akron

Douglas G. Reed, Niagara Falls, NY

Stephen Joseph Rinderle, St. Henry

Steven Charles Rinehart, Sidney

Steven William Rings, Montpelier

Steven Robert Rudner, Canton

James Fredrick Rundo, Reading

Joann C. Scanlon, Medina

Bruce Patrick Schaffner II, Pickerington

Paula Ann Schneble, Kettering

Robert J. Schotzinger, Tallmadge

Janet Elaine Senek, Warren

Brenton Curtis Sorrell, Vandalia

James Anthony Sterchele, Vineland, NJ

Gregory James Stricklen, Norton

Theresa Renee Strong, Niles

Karen Ann Sweeney, Mansfield

Marianne Lee Welsh, Athens

Susan Jane Wernersbach, Dayton

Joseph Charles Zimovan, Jr., Maple Heights

## College of Social Work

Dean: Richard E. Boettcher

### Bachelor of Science in Social Welfare

Nancy Jane Adams, LaGrange, IL

Veronica Lee Adamski, Conneaut

Linda Ann Bahm, Richmond Heights

Carol Ann Baird, Richmond Heights

Merle Lynn Bennett, Akron

Carol Jean Blankenship, Columbus

Cynthia Lisa Bliss, Cincinnati

Terry J. Blum Haas, Galion

Dana Michael Bourne, Littleton, MA

Jane Louise Bowshier, Columbus

Sonia Denise Chadwell, Beallsville

Linda Sue Cohen, Columbus

Deborah L. Craig, Toledo

Jennifer Ann Crone, Berea

Abraham Cruz, Lorain

Pamela Ann Culp, Centerville

Janice Ann Denney, Ashland, KY

Margaret Louise DePue, Amesville

Rebecca Lynn Dunham, Corvallis, OR

Judith Ann Ellis, New Carlisle

Joan Marie Englund, Beavercreek

Laura Sue Evans, Utica

Mary Therese Farrell, Elyria

Stephanie Ellen Flagel, Dayton

Margaret Ann Gartrell, Pleasantville

Susan Marie Green, Maumee

Kirsten Mignon Hanson, Columbus

Lori Ann Harmon, Columbus

Robert Milton Heffelfinger, Columbus

Kelly Ann Hensel, Marion

Deborah M. Herzberger, Lakewood

Eileen Ostrander Hill, Dublin

Kimberly Denise Irwin, Sylvania

Jacqueline Sue Judy, Warren

Amy Michelle Kalk, Beachwood

Bernadette Marie Kerrigan, Cleveland Heights

Barbara Ellen Lantz, St. Clairsville

Andrew Loeffler, San Antonio, TX

Joseph Thomas Lohn, Berea

Pamela Marie Love, St. Clairsville

Patricia Marie Mallory, Tallmadge

Ester R. Mauricio, Reynoldsburg  
 Leila Ann McCue, Wyoming  
 Judy Lynn Meiron, University Heights  
 Janet Eileen Meredith, Lima  
 Nessa K. Miller, Columbus  
 Robin Lynn Miller, Brooklyn  
 Joseph Douglas Minarik, Cleveland  
 Virginia Anne Minor, Cleveland Heights  
 Mary Ann Mougey, Toledo  
 Kristen Lee Melin Myeroff, South Euclid  
 William L. Newton, West Jefferson  
 Peggy Ellen Parker, Columbus  
 Jay Brian Patterson, Marion  
 Cheryl A. Perkins, Erie, PA  
 Therese Ann Plavac, Eastlake  
 Peggy Ann Rankin, Columbus  
 Lisa Ann Reed, Madison  
 Brenda Gay Rice, Mansfield  
 Diane Carol Riddle, Toronto  
 Fara Yvonne Ring, Marion  
 Diana Elaine Riseling, Columbus  
 Naomi Rebecca Rothschild, Columbus  
 Valerie Ann Samblanet, Louisville  
 Marci Lyn Schlesel, Mayfield Heights  
 Carol Anne Schubert, Elyria  
 Anne Veronica Sexton, Cincinnati  
 Nancy Jo Smith, Alexandria, VA  
 Eric A. Snyder, Canfield  
 Gayle Leslie Stone, South Euclid  
 Bethany Ann Thomas, Gallipolis  
 LeTonda Marche Thompson, Washington Court  
 House  
 Lori Ann Turanchik, Pleasant City  
 Lisa Ann Webster, San Bernardino, CA  
 Karen Lynn Werth, Troy

## College of Veterinary Medicine

Dean: Ronald A. Wright

### Doctor of Veterinary Medicine

Thomas Gregory Ahlers, Dayton  
 B.S. (Wright State)  
 Randall Carlton Alger, Mantua  
 B.S.  
 Kent Anderson, Bräintree, MA  
 B.S. (Springfield College)  
 Cynthia Ann Arledge, Columbus  
 B.S. (Virginia Polytechnic Inst. & State Univ.)  
 Diana Elaine Beam, Wilmington  
 B.S.  
 Viki Kay Beckham, Cincinnati  
 B.S. (University of Cincinnati)  
 Daniel Page Berbert, Silver Spring, MD  
 Dino Michele Bradley, Cincinnati  
 B.S. (Bennett College)  
 Robert Renwyck Brennenman, Orrville  
 B.S.  
 Kevin Victor Britt, Montgomery

Ann Kimberly Burkhalter, Columbus  
 B.S.  
 Marian Morris Burns, Columbus  
 B.A. (Smith College)  
 Kevin Patrick Byrne, Columbus  
 B.S.  
 Neal Thomas Campbell, Dayton  
 Sandra Kay Carpenter, Mt. Gilead  
 B.S.  
 Leslie G. Carr, Dayton  
 B.S.  
 Linda Stevelt Carstensen, Marysville  
 B.S.  
 Colleen Kam-Mee Chang, Kaneohe, HI  
 B.S. (Marquette University)  
 David Francis Chaplin, Dracut, MA  
 B.S. (University of Massachusetts)  
 Laurie Beth Cook, Potomac, MD  
 Kathleen Marie Corcoran, Brook Park  
 B.A. (Walsh College)  
 Perry Scott Crowl, Westminster, MD  
 Claudia Lucille Danforth, Chardon  
 B.A. (Cornell University)  
 John Wilson Daugherty, Columbus  
 B.S.  
 Lemuel DelValle, Rio Piedras, P.R.  
 B.S. (University of Puerto Rico)  
 Linda Budrewicz Detwiler, Englishtown, NJ  
 B.S. (Delaware Valley College)  
 Stacey Mae DiMaria, Hasbrouck Heights, NJ  
 B.A. (Jersey City State College)  
 Charles L. Dolin, Fair Lawn, N.J.  
 B.S.  
 Holly Lynne Donley, Jackson, MI  
 John McGowan Dryak, Cincinnati  
 B.A. (Kenyon College)  
 Dianne Carolyn Eddie, Newton Falls  
 B.S.  
 Barbara Jane Etzel, North Merrick, NY  
 B.S. (Cornell University); M.S.  
 Donald Ray Fogle, New Vienna  
 B.S.; M.S.  
 Zachary Franklin, Cincinnati  
 B.S.  
 William Michael Fraser, Chesterland  
 B.S. (John Carroll University)  
 Jay Barton Friedrich, Columbus  
 B.S. (College of William & Mary); M.S. (Miami  
 University)  
 John Brian Gifford, Cincinnati  
 B.S.  
 William Henry Collier Goode IV, Columbus  
 B.S.  
 Larry James Goodpaster, Kettering  
 B.S. (Wright State University)  
 Patrick Leland Graham, Xenia  
 B.S.; M.S.

Eugenie Weir Greene, Lexington, KY  
 A.B., (Mt. Holyoke College); M.S., (University of  
 Kentucky)  
 Robert Leo Guinan, Lancaster  
 B.S.  
 John LeRoy Hadden, Manahawkin, N.J.  
 B.S.  
 Nancy Elizabeth Handley, Webster Springs, WV  
 B.S. (Glenville State College)  
 Thomas John Hartman, Springfield  
 B.S. (Westminster College); M.S.  
 Lawrence K. Hatch, Reno, NV  
 B.S. (University of Nevada-Reno)  
 Charles Luther Hofacre, Columbus  
 B.S.; M.S.  
 Mary Sarah Hoffheimer, Cincinnati  
 B.S. (University of Vermont)  
 Michael James Huerkamp, Cincinnati  
 B.S.  
 Lynn Rae Jackson, Medina  
 Terri Alane Jones, Norwalk  
 B.S.  
 Becky Lynne Jourdonais, Great Falls, MT  
 B.S. (Montana State University)  
 Walter Thomas Klimecki, Columbus  
 B.S.  
 Leo John Kline III, Stow  
 David Richardson Knox, Worthington  
 B.S.  
 Karen Anne Komisar, Media, PA  
 B.S.; M.S.  
 Jane Ellen Kosovsky, Oberlin  
 B.S. (Oberlin College); M.S. (University of Kentucky)  
 Federico Guillermo Latimer, San German, P.R.  
 B.S. (Villanova University); M.S. (Penn State Univ.)  
 Warren Grogger Lieuallen, Kensington, MD  
 B.S. (University of Maryland)  
 Richard Hoyle Lisk, Boone, NC  
 B.S., (North Carolina State University)  
 Karen Lynn Longo, Springfield  
 B.A., (Wittenberg University); M.S.  
 Matthew Wayne Lovell, Dawson Springs, KY  
 Bradley Douglas Luckenbill, Beaver Creek  
 B.S., (Wright State University)  
 Luke Lukasko, Brookfield  
 B.S.  
 Patricia Hooker Lukasko, Cincinnati  
 B.S.  
 Joseph Vincent Malone, Edinboro, PA  
 B.S.  
 Michael Lee Manheim, Cincinnati  
 B.S. (University of Cincinnati)  
 Mary Ann Mann, Lewisburg, WV  
 B.S. (West Virginia University)  
 Karen Sue Martin, Eaton  
 Margaret Ann Masterson, New Lexington  
 B.S.



William Michael McDonald, Lost Creek, WV  
B.S. (West Virginia University)

Aaron Kimberly Messer, Cincinnati  
B.S.

Marissa Ann Miller, Bethesda, MD  
B.S. (University of Maryland)

Marlene Esta Miller, Lakewood, N.J.  
B.S. (Cook College)

Matthew Wolf Miller, Maple Heights

Ross William Miller, Crestline  
B.S.; M.S.

Valerie Ann Miller, East Meadow, N.Y.  
B.S.

Philip Daniel Moore, Cincinnati  
B.S.; M.S. (Wagner College)

Laura Dill Morton, Columbus  
B.S.

Peter Loyd Nara, Columbus  
B.S. (Colorado State University); M.S.

Bradley Wayne Newman, Waverly

Michael Eugene Noakes, Centerville  
A.B. (Miami University)

Michael Jeri Oglebee, Kettering

Jacqueline Ann O'Keefe, Parma  
B.S.

Susan Elizabeth Orosz, Curtice  
B.S. (Heidelberg College); Ph.D. (University of Cincinnati)

Kathleen Ann Overberg, Cincinnati

Jeremy Riggs Owen, Marietta

Amy Elissa Patterson, Highlands, NC  
B.S. (Duke University)

Pamela Ann Pohlmann, Bowling Green  
B.S. (Bowling Green State University)

Mary Lynn Poss, Freedom, NH  
B.S. (Duke University); M.S. (University of New Hampshire)

Philip Edward Prater, Paris, KY

Jill A. Prince, Columbus  
B.S. (Ohio University)

Andrew Mark Purdy, Sardinia  
B.S.

Peggy Ann Purner, Las Vegas, NV  
B.S. (University of Nevada)

Thomas Stanley Redding III, Asheville, NC  
A.B. (Brown University)

Richard Thomas Riney, Louisville, KY  
B. Gen. Studies (University of Kentucky)

Elizabeth Holiday Rogan, Hurricane, WV  
B.S. (West Virginia University)

Thomas Scott Rogan, Charleston, WV  
B.S. (West Virginia University)

James Dale Rothenbusch, Jr., Okeana  
B.S.

Denise Rose Runkle, New London

John Edward Rush, Grafton

Judith Ann Rutkowski, Baltimore  
B.S. (University Maryland)

Sharon Maureen Waters Sandler, Webster, MA  
A.B., (Brandeis University)

Harold Charles Schott II, Cincinnati

Roni Marie Shellhause, Vandalia  
B.S. (Eastern Kentucky University)

Jeffrey Glen Sherman, Raleigh, NC  
B.S. (East Carolina University)

Jeffrey Michael Shields, Columbus  
B.S.

Nancy Elaine Sims, Belle, WV  
B.S. (West Virginia University)

Rebecca Montgomery Skinner, Athens, WV  
B.S. (West Virginia University)

Nancy Ann Smaltz, Toledo

Barbara Lynn Smith, Columbus

Roger Frank Smith, Murray, KY

Andrew Melvin Snider, Caldwell

Beth Marie Souder, Fostoria  
B.S.; M.S. (Bowling Green State University)

Kathleen Grace Speicher, Parma  
B.S. (Heidelberg College)

Deborah Ann Stanfield, London  
B.S.

Diane Lynn Stoll, North Lawrence  
B.S. NUR.

Barbara Kay Sullivant, Toledo  
B.A. (Miami University)

Nancy Jane Taylor, Lisbon

Susan Claire Trock, Hubbard  
B.S. (Youngstown State University)

Patricia Joan Ungar, Phoenix, AZ  
B.A., (Colorado College)

Lizabeth Ann Vollmer, Gahanna  
B.S.

Douglas Taylor Wagner, Orrville  
B.S.

Mary Margaret Wasson, Statesville, NC  
B.S. (North Carolina State University)

Mark Frederick Weingold, Hunting Valley  
B.S.

J. Brad White, Youngstown

Cal Raymond Williams, Reno, NV  
B.S. (University of Nevada-Reno)

Elizabeth Elliott Williams, Dickerson, MD  
B.A. (Allegheny College)

Robert Scott Wilson, Raymond, N.H.  
B.A. (University of New Hampshire)

Marylou Wittenauer, Hubbard  
B.S.

Dirk Beebe Yelinek, Springfield, MA  
B.S.

Meredith Elaine Young, Medina  
B.S.

Randell Glen Young, Ravenna  
B.A. (Hiram College)

Lynn Ann Yut, Canton  
B.S.

## Graduates with Honors

Criteria for graduation with honors are as follows:

**With Distinction** requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

**With Honors in the Liberal Arts** requires Successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

**Cum Laude** designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

**Summa Cum Laude** designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

### With Distinction in Animal Science

Sheila Marie O'Sullivan

### With Distinction in Ceramic Engineering

Michael Anthony McCoy

### With Distinction in English

Paul Waller Bledsoe

### With Distinction in Environmental Communications

Kenneth Earl Jacquot

### With Distinction in Geology and Mineralogy

Scott Edward Mason

### With Distinction in Horticulture

Karen Rene Dodd

### With Distinction in Metallurgical Engineering

Anne Elizabeth Browning  
Herbert Elgin Evans, Jr.

### With Distinction in Biochemistry and with Honors in the Liberal Arts

Paul Reginald Gardner

### With Distinction in Chemistry and with Honors in the Liberal Arts

David B. Morse

**With Distinction in Economics and with Honors in Liberal Arts**

Barry K. Jamieson  
Jonathan S. Sokobin

**With Distinction in English and with Honors in the Liberal Arts**

Gregory William Bredbeck

**With Distinction in History and with Honors in the Liberal Arts**

Linda Elaine Hess

**With Distinction in Journalism and with Honors in the Liberal Arts**

Jeffrey Alan Stevenson

**With Distinction in Microbiology and with Honors in the Liberal Arts**

Carrie Helene Robinson

**With Distinction in Political Science and with Honors in the Liberal Arts**

Lauren Lee Bowen

**With Distinction in Slavic Languages and Literatures and with Honors in the Liberal Arts**

Amy Lynn Ballou

**With Honors in Liberal Arts**

Paul Timothy Andreadis  
Lee Samuel Berman  
Timothy John Cotter  
Nancy Eleanor Drescher  
David Thomas Eucker  
Cynthia Kaye Johnson  
John Terry Kuzmik  
Diane Maire Le May  
Paul Scott Leonard  
Christina Lynn Martin  
Kelly Lyn McLaughlin  
Sarah Lee Mills  
Elizabeth Ann Park  
Steven L. Robinson  
William John Rueger, Jr.  
Philip Harry Santa-Emma  
Susan Elizabeth Sheppard  
Robert Henry Simon, Jr.  
Laura Johanna Smith  
Jeffrey Thomas Speicher  
Le Ann Strock  
Thomas Charles Trevorrow  
Michael B. Weinstein  
James Witek

**Cum Laude**

Robert Scott Anderson  
Susan Renae Armstrong  
Anthony Raymond Arn  
James Douglas Aust  
Karen Lynne Bahan  
Mary Kristine Baldauf  
Gregory Robert Balogh  
Franco Edward Barber  
Thomas Gregory Baron  
Marvin Jay Beer  
Deborah Jane Benoy  
James Kevin Berry  
Steven Ray Bitticker  
Nancy Peg Bloom  
Anthony John Blum  
Martin Joseph Boetcher  
Stephen Laurence Bolt  
Brian Lance Bowyer  
Laurie Lynn Boxwell  
James Charles Braun  
Michael Lee Bressler  
Gary Allen Breymler  
Rebecca Ellen Brooks  
Janet Solt Brown  
Paul Tway Brown  
Brian Scott Brunck  
Linda Kathleen Bruns  
David Allen Buchanan  
Patricia Jean Cameron  
Alan Scott Campbell  
Diane Louise Carlisle  
Kristi Lynn Carr  
Grant Logan Castrodale  
Roger Blake Chaffee  
David Francis Chaplin  
Patrick Alan Cleary  
Gordon Bennett Clouse  
Gina Lynn Clifton  
Michael Thomas Coccia  
Colleen Marie Connor  
Colleen Ann Conny  
Joyce Lee Cook  
Patricia Jean Copeland  
Stephen Jeffrey Copeland  
Joan Marie Corsi  
Anita Joan Cox  
Perry Scott Crowl  
Kathryn Joyce Crowell  
Maria Teresa Cueto  
Lisa Jane Daubenmire  
Kevin Stuart Daugherty  
David Dwayne Dewese  
Jane Ellen Dill  
Daniel Albert DiSanto  
Lynn Ann Drake  
Paul H. Dreyfus  
Robin Victoria Dunham  
Cheryl Culhane Esser  
Richard Worsham Emmert  
Joan Marie Englund  
Karen Ann Enneking  
Brenda Sue Evans  
Amy Susan Farley  
William Joseph Feller, II  
Amy Susan Ferguson  
William Evan Firestone  
Margaret Blanche Firm

Joseph Anthony Fischer  
Valerie Ann Fleckenstein  
Paul Raymond Fleissner, Jr.  
Anne Regina Flinn  
Deidre Rae Fogelsong  
Donald Ray Fogle  
Lowell Arick Forrest  
William Edward Frank, Jr.  
Eric Franz  
James Michael Gaughan  
Laurie Ann Gay  
Robert Gerard Gesing  
Glenn S. Gilbert  
Cynthia Anna Goetz  
Gayle Pauline Gottlieb  
Jamie Alan Greene  
Rita Zink Gregorek  
David Lee Groden  
Robert Leo Guinan  
Laura Elaine Hall  
George David Haller  
Rebecca Ann Hart  
Michael Allen Hambach  
Lisa Ann Harmon  
Christopher Glenn Harper  
Cheryl Renée Hartley  
Steven Edward Hahn  
Karen Elaine Henry  
Beth Ann Herold  
Scott John Herrmann  
Albert A. Hilkert  
Debra Lynn Hoffer  
Deborah Lynn Hollister  
Timothy Arthur Holt  
Jeffrey Allen Houck  
Mark Allen Hovey  
Robert Charles Hudak  
Gloria Jean Huffman  
John Kirk Hurley  
Susan Ruth Innenberg  
Lynn Rae Jackson  
Rebecca Ann Joehlin  
Ellen Joan Johnson  
Mark Joseph Johnson  
Ron Michael Johnson  
Roberta Eileen Jones  
Cathy E. Kaiser  
Daniel Brian Kehn  
Jean C. Kehres  
Timothy Brian Kenney  
Ann Merrilee Kensler  
Carolyn Ann Kershaw  
Kevin Paul Kimble  
Leo John Kline, III  
Andrew William Knight, Jr.  
Paula Chi-Lin Ko  
Steven Victor Kovach  
Terry Ray Krukemeyer  
Jerome Alan Lechlak  
Rebecca Lynn Lehner  
Jeffrey D. Lieberman  
Peta Gay Lilburne  
Cheryl Ann Liko  
James Leslie Linke  
Susan Jane Lippold  
Lucinda Lukasko-Koontz  
Joyce Elaine Mace  
James Richard Magley  
Taras Matlay

Lisa Malmer  
 Gary John Margeson  
 Karen Lynn Marshall  
 David Lee Mathewson  
 Jeffrey S. McCallister  
 James Richard McGarrahan  
 Lisa Gail McGlone  
 David Michael McGuire  
 Elizabeth Anne McKinley  
 John Thomas McLaughlin  
 Ellen Vance McVay  
 David Philip Melaragno  
 William Frederick Mielke  
 David Eric Miller  
 Lynn Hastings Miller  
 Marlene Esta Miller  
 Nancy Elizabeth Milosevich  
 Jeanne Elizabeth Minard  
 Virginia Marie Molleran  
 Gary Duane Monte  
 Matthew Allan Moon  
 William David Mowery  
 Jean Marie Murphy  
 Masashi Nakahashi  
 David Evan Neal  
 Mary Courtney Neuman  
 Michael Eugene Noakes  
 A. Michael Novena  
 Molly Judith O'Connor  
 Polly J. O'Neil  
 Rogena K. Orr  
 Kathleen Ann Overberg  
 Susan Lisa Palmiter  
 Scott David Pape  
 Ronald Leo Paquette  
 Patricia J. Parks  
 Jon Douglas Patterson  
 Lois Ann Pauly  
 Mark Burton Perkins  
 Brenda Lee Pfeiffer  
 Thomas Edwin Phelps  
 Jeffrey Richard Plassman  
 Nancy Ellen Poetter  
 Paul Robert Pooley  
 Charlotte Ann Puthoff  
 Debra Lee Raser  
 Douglas G. Reed  
 Brenda Sue Ricciuto  
 Mark Alan Rickenbacher  
 Randall Allen Riffle  
 Mark Philip Rimelspach  
 Stephen Joseph Rinderle  
 Gina Marie Ripepi  
 Jefferson Garland Risner  
 Mark David Rothman  
 Robyn Faith Rosenstock  
 Marguerite Marie Rozzo  
 Cheryl Shaw Runkle  
 Alan Robert Sacolick  
 Gregory Leo Salzman  
 Sharon Maureen Waters Sandler  
 Kenneth Lawrence Scarfe  
 Emily Rose Schock  
 Harry Thomas Shamansky  
 Anne Elizabeth Shilander  
 Philip Eugene Short  
 Paul Simmons, Jr.  
 Alison Achbach Smith  
 Beth Anne Smith

Matthew Sherman Smith  
 Sue Michel Smith, Sr.  
 Stephen Scott Snedden  
 Kevin William Snyder  
 Chee Seng Soh  
 Connie Corrine Spahr  
 Barbara Joy Speyer  
 Elizabeth Jane Stevens  
 Kathy Sue Stickel  
 Elizabeth Graben Stooke  
 Beth Charlotte Strasshofer  
 Cristine Ann Strovilas  
 David Arthur Surber  
 Chek-Fong Tang  
 Robert Tannous  
 Laura Milane Taylor  
 N. Katherine TenEyck  
 Sandra Diane Thomas  
 Cheryl Ann Toman  
 James Harry Tomenko  
 Jeffrey Bryant Travers  
 Jack David Tripp  
 Karol L. Troyer  
 Steven Richard Turckes  
 Mary Catherine Urban  
 Ralph Eric Urch  
 William Trent Van Curen  
 Nels Blake Vander-Zanden  
 Peter T. Vargulich  
 Bruce Alan Vasloff  
 John William Vosler  
 Stephen Joseph Voto  
 Jill Cormany Wade  
 Michael Ernest Wahl  
 Kim Janet Wajda  
 John M. Walbrown  
 Anne Dudley Warren  
 Michelle Marie Wasielewski  
 Charles Wilson Waugh  
 David Anthony Weaver  
 Mark Donald Weber  
 Mary Sue Welling  
 Michael Alan Whitefield  
 Amber Lynn Whittington  
 Kent William Wilhelm  
 Cal Raymond Williams  
 Brenda Lee Willis  
 Jeffrey Craig Wilson  
 Robert Scott Wilson  
 Ronald Lee Winland  
 Mary Katherine Winstel  
 Erin Fay Wolfe  
 Connie Joyce Wood  
 Debra Sue Woolever  
 Jannis Milan Worklan  
 Nancy Gina Workman  
 Michael Stephen Yashko  
 Lauren Ann Yeary  
 Boon Hun Yeo  
 Thomas Neil Yoder  
 Sarah Warne Yost  
 John Michael Yount  
 John Paul Sekiguchi Yu  
 Lynn Ann Yut  
 Christine Marie Zambory  
 Raquel Leora Zamir  
 Catherine Ann Zavatsky  
 James J. Zehentbauer  
 Joseph Charles Zimovan, Jr.

## **Cum Laude with Distinction in Aeronautical and Astronautical Engineering**

Susan Louise McCleary  
 Tamara Ann Smith

## **Cum Laude with Distinction in Agricultural Economics**

Thomas Eugene Muth

## **Cum Laude with Distinction in Agronomy**

Scott Nicholas Twary

## **Cum Laude with Distinction in Biochemistry**

Jeffrey Bernard Casamento

## **Cum Laude with Distinction in Family Relations and Human Development**

Jo Anne Wigtil

## **Cum Laude with Distinction in Food Technology**

Margaret Kay Watkins

## **Cum Laude with Distinction in Forest Industries Management**

Scott Thomas Smith

## **Cum Laude with Distinction in Forest Resource Management**

Joel John Anderson

## **Cum Laude with Distinction in Home Management and Housing**

Monica Woznaik Leissa  
 Pamela Sue Scott

## **Cum Laude with Distinction in Horticulture**

Maureen Elizabeth Harter

## **Cum Laude with Distinction in Human Nutrition**

Linda Elizabeth Francetic

## **Cum Laude with Distinction in Human Nutrition and Food Management**

Janice Margaret Mertz

## **Cum Laude with Distinction in International Business**

Tracey Dale Strott

## **Cum Laude with Distinction in Metallurgical Engineering**

Lisa Jo DuVernay  
 David E. Nelson

### **Cum Laude with Distinction in Music History**

Alice Virginia Clark

### **Cum Laude with Distinction in Economics and with Honors in the Liberal Arts**

Roger D. Lagunoff

### **Cum Laude with Distinction in English and with Honors in the Liberal Arts**

Timothy Scott Hartley

### **Cum Laude with Distinction in Theatre and with Honors in the Liberal Arts**

Jay Wilson Dorff IV

### **Cum Laude with Distinction in Zoology and with Honors in the Liberal Arts**

Julia Ann White

### **Cum Laude with Honors in the Liberal Arts**

David Sadre Alavi  
Diane Ellen Black  
Julie Beth Ferrar  
Robert Alan Lynch  
Catherine M. Mayhew  
Kathy Sue Noe  
Kathy Anne Price  
Thomas Carl Wilson

### **Summa Cum Laude**

Kathleen T. Armstrong  
Joan Kay Bauman  
Margaret Mary Beery  
Ronna Gayle Beery  
Theresa Ann Benjamin  
Peggy Jo Bergstrom  
Michelle Lee Bils  
Carol Jean Blankenship  
Carolyn Ann Boesch  
Rebekah Sue Boone  
James Julius Brachok  
Daniel Edward Bruening  
David G. Cahill  
William John Clinger  
Patrick Joseph Coady  
Carl Edward Coles  
Kathleen Ann Connelly  
Stanley D. Cosstephens  
Claudia Lucille Danforth  
James Arthur Davis  
James E. Dawes  
Gina Marie DeChant  
Jon Brooks Decker  
Jill Ann Deibel  
Giacinto Gino DiGrazia  
Karl Phillip Dohm  
Michael Joseph Donau  
John Francis Donovan  
Diane Kay Dornbusch

Jana Elizabeth Dunson  
Robin Lynn Elliott  
Thomas Scott Emerson  
Maxim Jonathan Goldberg-Rugalev  
Margaret Alice Greene  
Teresa Jane Herderick  
Jan Ruth Holton Hosler  
Sarah Moore Hussey  
Patricia Ann Kauffman  
Mary Ann Keenan  
Lauren Kathryn Kendall  
Kelly James Kelleher  
Jeffrey Charles King  
Diane Kay Kistner  
Terry Neil Kleman  
Kirk William Knollman  
Kinyue Albert Lai  
Alan James Lee  
Clinton Edward Leedy  
Rebecca Jane Leeper  
Donise Jean Long  
Christina Marie Martin  
Laura Ann McAlpine  
Cynthia Ann McLaughlin  
Tammy Mielke  
Matthew Wolf Miller  
Susan Allison Miner  
Janis Ann Mion  
Nonon Gila Mooney  
Connie Marie Nissen  
Linda N. Novacich  
Thomas Joseph O'Brien, Jr.  
Michael Jeri Oglesbee  
Suzy Dawn Olin  
Lance Neil Olson  
Jeffrey Christopher Pabst  
Michael Andrew Paine  
Susan Michelle Paquette  
David Arthur Plum, Jr.  
Susan Bernice Rauch  
Lauri Marie Reimink  
Beverly Ann Rose  
Carla Frances Saunders  
Robert J. Schotzinger  
John Stephen Schult  
Margo Ann Schwendeman  
Mary Frances Shuber  
Michael Raymond Siferd  
Nancy Elaine Sims  
Cynthia Sue Sisson  
Stewart Alan Skromra  
Phillip James Smith  
Ricky David Sorokin  
Michael Lee Sparling  
Linda Ann Spires  
Melodie Kay Spitzer  
Alan Thomas Stadler  
John Luther Steiner  
James Anthony Sterchele  
Scott Ashley Taylor  
Steven Roger Tier  
George Kevin Tippet  
Steven Paul Thompson  
Pamela Lynne Wenning  
Sandra Marie Wigen  
Darci Lynn Wilcox  
Michael Jay Willson  
Christina Arrieta Wolfe  
Samuel Mark Woodrow

Sandra Kay Woolever  
Ellen Louise Yeary  
Kenneth Allen Zak

### **Summa Cum Laude with Distinction in Accounting**

Gregory Scott Jordan

### **Summa Cum Laude with Distinction in Agriculture Economics**

Peter Levi Rupp  
Barry Joseph Von Der Embse

### **Summa Cum Laude with Distinction in Animal Science**

Evan Charles Titgemeyer

### **Summa Cum Laude with Distinction in Electrical Engineering**

Kathleen L. Tokuda

### **Summa Cum Laude with Distinction in Environmental Interpretation**

Larry Richard Speelman

### **Summa Cum Laude with Distinction in Food Science and Nutrition**

Gregory Scott Hellwarth  
Jeannette Marie Morgan

### **Summa Cum Laude with Distinction in Forest Biology**

Melanie Norma Strohecker

### **Summa Cum Laude with Distinction in Forest Resource Management**

Stephen Patrick Lewis

### **Summa Cum Laude with Distinction in Geography and with Honors in the Liberal Arts**

Richard L. Wyson

### **Summa Cum Laude with Distinction in Wildlife Management**

David Paul Scott

### **Summa Cum Laude with Honors in the Liberal Arts**

Susan Marie Hermiller

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDREDTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 16, 1984

Pursuant to paragraph (B) of bylaw 3335-1-01 of the Administrative Code of The Ohio State University, the Board met upon the call of the Chairman, D. James Hilliker, in a special meeting on Wednesday, May 16, 1984, at 10:00 a.m., The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Present: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone

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May 16, 1984 meeting, Board of Trustees

The Chairman, Mr. Hilliker, called the special meeting of the Board of Trustees to order at 10:00 a.m. He requested the Secretary to call the roll.

#### INTRODUCTION OF NEW BOARD MEMBER

Mr. Hilliker introduced the new member of the Board of Trustees:

I want to thank the press for coming to my first meeting as Chairman of the Board--I assume that is why you are all here today. Before I turn the meeting over to President Jennings for his agenda, I would like to recognize an old face and a new face to this Board of Trustees. The old face is Dr. John Jacob, immediate past Chairman of this Board. Dr. Jacob has been very instrumental and very helpful in the agenda topic today. John, we welcome you and thank you for your help.

The new face is the newest member of the Board, Mr. John J. Barone of Toledo, Ohio. Mr. Barone's appointment is for a term beginning May 14, 1984 and ending May 13, 1993. He is succeeding Dr. Jacob, whose term has expired.

Mr. Barone attended Canisius College and Miami University of Ohio, and received his Juris Doctorate from The Ohio State University in 1936. He is a partner in the law firm of Barone, Van Horn and Greenberg in Toledo, Ohio, with a specialty in corporate law.

From 1945-64, Mr. Barone was U. S. Commissioner for the Northern District, Western Division. He is a member of the American Bar Association; the Federal Bar; the Toledo Bar; and the Ohio State Bar. He serves on numerous boards of various companies. Mr. Barone has five sons--one of whom is an Ohio State University law graduate. He is a life member of the OSU Alumni Association and a member of the Presidents Club.

Mr. Barone, we welcome you to this Board and look forward to your many contributions during your tenure.

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Mr. Hilliker then called on President Jennings to present his agenda. President Jennings made the following statement:

Thank you, Mr. Chairman. Approximately two months ago we began a search for the new Athletic Director at The Ohio State University. We began a search for an individual who would be committed at the highest levels to the NCAA and the NCAA rules and regulations. We began a search for an individual who would believe in and understand and be committed to students--as students first and athletes second, as an extracurricular activity. We began a search for an individual firmly committed by background and experience to women's intercollegiate athletics. We were looking for an individual who was also committed to competing at the very highest level in intercollegiate athletics--at the national level, and Ohio State deserves nothing less. We began to look for an in-

May 16, 1984 meeting, Board of Trustees

President Jennings (contd)

dividual with a deep appreciation of the financial issues associated with intercollegiate athletics, an understanding of public universities, and with the demonstrated leadership qualities that are so necessary in an athletic director position that is clearly one of the most critical athletic director positions in the country.

A search committee was formed consisting of members of the Athletic Council and four members of my staff. Last Thursday, that committee completed their work and provided me with a list of seven candidates that they would recommend very highly--all of which were superbly qualified. Since that time I have had the opportunity to personally interview all seven, in various cities across the country, for fairly long periods of time. I am convinced that the search committee has truly done a national search, and the list of individuals clearly represents, in my judgment, the best people available in the country in intercollegiate athletics.

After going through that process and a variety of checking among other universities, and after discussing individually with each member of the Board my recommendation, I am prepared to recommend that we appoint today to the Athletic Directorship at The Ohio State University effective on or before July 1, 1984, Mr. Richard M. Bay, who is currently Athletic Director at the University of Oregon. I would make that recommendation for your approval, Mr. Chairman.

#### PERSONNEL ACTION

Resolution No. 84-136

In accordance with Section 3335-1-04 (H) of the Bylaws of the Board of Trustees, the foregoing recommendation to appoint Mr. Richard M. (Rick) Bay to the position of Athletic Director of The Ohio State University was presented to the Board of Trustees. In this position, Mr. Bay will serve as the principal administrative official of the Department of Athletics and will have the requisite authority for providing the overall leadership and direction of the University's intercollegiate programs.

Effective date of appointment: on or before July 1, 1984

Salary: \$74,500.00

Current Position - Director of Athletics, University of Oregon, Eugene, Oregon

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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May 16, 1984 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, June 7, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

D. James Hilliker  
Chairman



THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND TWO HUNDRED AND FIRST MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 7, 1984

The Board of Trustees met at its regular monthly meeting on Thursday, June 7, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone.

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Minutes of the last meeting were approved.

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June 7, 1984 meeting, Board of Trustees

The Chairman, Mr. Hilliker, called the meeting of the Board of Trustees to order at 11:55 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: D. James Hilliker, Chairman, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, Hamilton J. Teaford, and John J. Barone.

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Mr. Hilliker reconvened the meeting at 1:55 p.m.

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#### COMMITTEE APPOINTMENTS 1984-85

Resolution No. 84-137

WHEREAS the appointments to Committees and representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, the Inter-University Council, and the University Hospitals Board for 1984-85 are as follows:

Educational Affairs Committee	Shirley D. Bowser, Chairman John W. Berry, Vice Chairman John J. Barone
Fiscal Affairs Committee	Leonard J. Immke, Chairman Edmund C. Redman, Vice Chairman Hamilton J. Teaford
Standing Committee on Agricultural Affairs	Daniel M. Galbreath, Chairman Dale Locker, Vice Chairman, Ex Officio Shirley D. Bowser
Student Affairs Committee	John W. Berry, Chairman Edmund C. Redman, Vice Chairman John J. Barone
Personnel Committee	D. James Hilliker, Chairman John F. Havens Daniel M. Galbreath
Development Fund Board of Directors	Leonard J. Immke (1983-85) Hamilton J. Teaford (1984-86)
Inter-University Council	John J. Barone
Research Foundation Board of Directors	John F. Havens (1983-86)
University Hospitals Board	Shirley D. Bowser Edmund C. Redman

June 7, 1984 meeting, Board of Trustees

#### COMMITTEE APPOINTMENTS 1984-85 (contd)

NOW THEREFORE

BE IT RESOLVED, That the Committee appointments and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, the Inter-University Council, and the University Hospitals Board for 1984-85 be approved.

Upon motion of Mr. Havens, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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#### DIVISION NAME CHANGE IN THE COLLEGE OF PHARMACY

Resolution No. 84-138

Synopsis: It is proposed that the Division of Administrative and Social Sciences in the College of Pharmacy be renamed the Division of Pharmaceutical Administration.

WHEREAS on March 2, 1973, the Board of Trustees approved the organization of the College of Pharmacy into six Divisions; and

WHEREAS the Executive Committee of the College of Pharmacy has unanimously approved a requested name change of the Division of Administrative and Social Sciences to the Division of Pharmaceutical Administration; and

WHEREAS the proposed name change would more accurately reflect the focus of the Division which is decision-making, problem-solving, and administrative skills in the pharmaceutical industry; and

WHEREAS there are no objections to this name change by other administration science units on campus, and the Division will not duplicate any courses offered by other colleges; and

WHEREAS the University Senate has approved the requested name change and has requested concurrence by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the Division of Administrative and Social Sciences in the College of Pharmacy be renamed the Division of Pharmaceutical Administration effective July 1, 1984.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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June 7, 1984 meeting, Board of Trustees

FORMATION OF DEPARTMENTS IN THE COLLEGE OF NURSING

Resolution No. 84-139

Synopsis: The formation of two departments within the College of Nursing is proposed.

WHEREAS the School of Nursing was granted college status on July 9, 1983; and

WHEREAS the College of Nursing faculty approved in Autumn Quarter, 1983 the formation of two departments: Life Span Process and Family and Community; and

WHEREAS the Department of Life Span Process will focus on the development and transmission of knowledge needed for the nursing of individuals throughout stages of the life cycle, and will encompass the promotion of health, prevention of disease, restoration of health, terminal illness and death and dying; and

WHEREAS the Department of Family and Community will focus on the development and transmission of knowledge needed for nursing practice with families and communities, and will be directed toward health promotion, disease prevention, restoration and maintenance of health within families and communities; and

WHEREAS both the Department of Life Span Process and the Department of Family and Community will serve as tenure initiating units for their 32, and 29 faculty members, respectively; and

WHEREAS the present structure inhibits interaction among graduate and undergraduate faculty and students, while the proposed departmental structure will more appropriately reflect the mission of the College, and permit more flexibility and better utilization of resources; and

WHEREAS the proposed action was approved by the University Senate on May 5, 1984:

NOW THEREFORE

BE IT RESOLVED, That the requested departmental structure for the College of Nursing is approved effective July 1, 1984.

Upon motion of Mrs. Bowser, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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June 7, 1984 meeting, Board of Trustees

AMENDMENTS TO THE CODE OF STUDENT CONDUCT

Resolution No. 84-140

Synopsis: Amendments to the Code of Student Conduct (3335-31-02 and 3335-31-03) are being proposed.

WHEREAS the University Senate has approved the following amendments to sections 3335-31-02 and 3335-31-03 of the Code of Student Conduct and has requested concurrence of the Board of Trustees:

3335-31-02 Committee on academic misconduct

- (C) All cases of suspected misconduct shall be reported to the committee. The committee also shall investigate cases of lax or irregular examination methods and report findings to the vice president for academic affairs and provost. Students have the obligation to report suspected misconduct or irregular or lax examination methods. The committee may impose any code sanction. The committee consists of:
- (1) fifteen faculty members elected by the university senate at its special meeting in June for three-year terms beginning with the summer quarter, the election to be held annually so that five members will retire each year. No member of the university faculty serves more than two consecutive terms;
  - (2) five graduate student members appointed in the summer quarter by the president of the council of graduate students, with the approval of the council of graduate students for a one-year term beginning with the autumn quarter;
  - (3) five undergraduate student members appointed in the spring quarter by the president of the undergraduate student government, with the approval of the undergraduate student assembly for a one-year term beginning with the summer quarter;
  - (4) the dean of student life, or designee, ex-officio and without vote; and
  - (5) a coordinator, appointed by the vice president for academic affairs and provost, ex-officio and without vote and charged with assisting the committee in administrative matters. The coordinator does not participate in the decisions of the committee.
- (D) The committee on academic misconduct establishes panels of persons from the committee on academic misconduct which conduct hearings and make decisions with the same authority as the committee on academic misconduct.
- (E) The committee on academic misconduct establishes rules and procedures to conduct hearings, including the definition of a quorum.

June 7, 1984 meeting, Board of Trustees

AMENDMENTS TO THE CODE OF STUDENT CONDUCT (contd)

(Details of rule 3335-5-54 of the Administrative Code, which defines the committee on academic misconduct, and committee procedures are available from the office of the vice president for academic affairs and provost.)

3335-31-03 University judicial panel

- (B) three faculty members recommended to the dean by the vice president for academic affairs and provost for three-year terms; annually appointed so that one member retires each year; and
- (D) the coordinator of judicial programs shall serve ex-officio as panel coordinator without vote.
- (E) the dean of student life will appoint a panel composed of six members with expertise to include, but not limited to, sexual harassment cases or those with racial overtones. This panel will serve as a resource for information concerning a variety of cases. One member from this panel of experts may be selected by the coordinator of judicial programs as the case warrants. The expert panel member will participate in the entire case, but will not vote at the conclusion of the deliberations.

NOW THEREFORE

BE IT RESOLVED, That the amendments to sections 3335-31-02 and 3335-31-03 of the Code of Student Conduct be adopted as recommended by the University Senate.

Upon motion of Mr. Immke, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY

Resolution No. 84-141

Synopsis: Amendments to rules 3335-5-023, 3335-5-04, 3335-5-05, and 3335-5-581 are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to Rules of the University Faculty as approved by the University Senate; and

WHEREAS the proposed changes in the Rules of the University Faculty were approved by the University Senate on May 5, 1984, as follows:

AMENDED RULES

3335-5-023 Appeal procedures for tenured faculty because of termination of appointments during financial exigency.

June 7, 1984 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

(B) The faculty hearing committee.

3335-5-04 Hearing procedures for complaints against regular, regular clinical, and auxiliary faculty members.

(E) The faculty hearing committee.

(2) The hearing panel may restrict the attendance of persons at the proceedings, provided that neither the respondent nor the prosecutor shall be denied the right to have one observer of their choosing present at all times.

(3) Respondents shall have the rights to be represented by legal counsel or any other person of their choice, to examine the witnesses and evidence against them, to present witnesses and evidence on their own behalf, and to refuse to testify or be questioned in the proceedings without prejudice to their cause.

3335-5-05 Procedures concerning faculty complaints about promotion, tenure and renewal decisions.

(A) Definitions and construction.

(1) When presenting a complaint to the committee on academic freedom and responsibility, a faculty member (hereinafter "complainant") must first present evidence of having made a reasonable effort to resolve the grievance by informal methods (or formal methods if they exist) in both the department and the college. Complaints concerning promotion, tenure, or renewal decisions may be made by tenured or probationary faculty.

(B) The committee on academic freedom and responsibility.

(1) Complaints alleging improper evaluation shall be presented in writing to the faculty members of the committee on academic freedom and responsibility (hereinafter "committee") and to the vice president for academic affairs and provost within thirty days (whenever practical) after a faculty member has been notified of the decision the faculty member wishes to challenge.

(4) If the committee determines that reasonable and adequate grounds may exist for asserting improper evaluation, it shall forward the complaint to the faculty hearing committee, established pursuant to rule 3335-5-581 of the Administrative Code.

(C) The faculty hearing committee.

(2) Actions being challenged under this rule shall be responded to by the vice president for academic affairs and provost or designee.

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

- (3) In matters involving allegations under paragraph (A) (3) (b) of this rule, the hearing panel shall conduct its proceedings in a collegial manner in accordance with the following guidelines:
    - (a) The complaint shall be set forth in writing and a copy furnished to the party or parties that are alleged to have committed the infringement.
    - (b) The hearing panel may restrict the attendance of persons at the proceedings, provided that the complainant shall not be denied the right to have one observer of his or her choosing present at all times.
    - (c) Both complainant and respondent shall have the right to be accompanied and advised by any person of their choice, to present witnesses and evidence on their own behalf, and to examine witnesses and evidence.
    - (d) The hearing panel shall receive such testimony and other evidence as it deems to be material and relevant to the issues before it.
    - (e) An electronic recording shall be kept of all proceedings before a hearing panel.
  - (4) (b) The complainant should be given opportunity to address the hearing panel in writing and in person, and offer any evidence substantiating the claim.
  - (c) If the complainant appears before the hearing panel, the complainant may bring an advisor. No formal transcript of the proceedings need be kept.
  - (5) (b) When it has found that an improper evaluation has been made, submit its findings to the dean of the college in which the complainant is a member and to the vice president for academic affairs and provost. The vice president for academic affairs and provost, in consultation with the hearing panel and the chairperson of the faculty hearing committee, shall take such steps as may be deemed necessary to assure a new, fair, and impartial evaluation. A copy of the hearing panel's findings shall also be sent to the president.
- (D) The president.
- (1) Upon receipt of a report under paragraph (C) (6) of this rule, the president shall review the matter and take whatever action the president deems appropriate.



June 7, 1984 meeting, Board of Trustees

AMENDMENTS TO THE RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-581 Faculty hearing committee.

- (A) The faculty hearing committee shall consist of nine tenured members of the regular faculty. Three members shall be elected annually from a slate of six candidates. Each elected person shall serve a three-year term as a regular member, followed by a one-year term as an alternate member.
- (E) The proceedings of a hearing panel shall be conducted according to the specifications listed as follows:
  - (1) Hearings conducted on allegations of incompetence or grave misconduct, or on appeals from findings of failure to meet university responsibilities, shall follow procedures according to rule 3335-5-04 (E) of the Administrative Code.
  - (2) Hearings conducted on complaints of alleged improper evaluation based upon reasons or considerations that infringe a constitutional right of the complainant shall follow procedures according to rule 3335-5-05 (C) (3) of the Administrative Code.
  - (3) Hearings conducted on allegations of improper evaluation based upon inadequate consideration of the pertinent facts by the individual(s) making the decision shall follow procedures according to rule 3335-5-05 (C) (4) of the Administrative Code.
  - (4) Hearings conducted on an appeal of a tenured faculty member because of termination of appointment during financial exigency shall follow procedures according to rule 3335-5-023 (B) of the Administrative Code.

NOW THEREFORE

BE IT RESOLVED, That the amendments to rules 3335-5-023, 3335-5-04, 3335-5-05, and 3335-5-581 of the Rules of the University Faculty be adopted as recommended by the University Senate.

Upon motion of Mr. Teaford, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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BYLAWS OF THE MEDICAL STAFF  
THE OHIO STATE UNIVERSITY HOSPITALS

Resolution No. 84-142

Synopsis: Amendment of the Bylaws of the Medical Staff of The Ohio State University Hospitals is proposed.

June 7, 1984 meeting, Board of Trustees

BYLAWS OF THE MEDICAL STAFF  
THE OHIO STATE UNIVERSITY HOSPITALS (contd)

WHEREAS bylaws pertaining to the practice of medicine within the University Hospitals were developed in accordance with the requirements of Chapters 3335-93-01 to 3335-93-03 of the Administrative Code, and these bylaws were adopted appropriately by the Medical Staff Administrative Committee and by the University Hospitals Board, and approved by the Board of Trustees on February 4, 1983; and

WHEREAS the Joint Conference Committee of the University Hospitals Board has reviewed and approved revisions to Sections 3335-43-02, 3335-43-03, 3335-43-07 and 3335-43-09 of the Medical Staff Bylaws as proposed by the Medical Staff Bylaws Committee and endorsed by the Medical Staff Administrative Committee and the medical staff at large; and

WHEREAS the aforementioned revisions to the Medical Staff Bylaws were approved by the University Hospitals Board on April 26, 1984:

NOW THEREFORE :

BE IT RESOLVED, That the proposed amendments to the Medical Staff Bylaws be approved, and that they be forwarded to the appropriate state agencies for inclusion as part of the Administrative Code.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 84-143

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Resignation, Changes in Title, Appointments, Appointment of Chairpersons of Departments and Academic Faculty and Directors of Schools, Reappointment of Chairpersons of Departments, Leaves of Absence Without Salary, Leave of Absence Without Salary--Change of Date, Professional Improvement Leave, Professional Improvement Leave--Change of Date, Promotions/Tenure and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the May 16, 1984 meeting of the Board, including the following Resignation, Changes in Title, Appointments, Appointment of Chairpersons of Departments and Academic Faculty and Directors of Schools, Reappointment of Chairpersons of Departments, Leaves of Absence Without Salary, Leave of Absence Without Salary--Change of Date, Professional Improvement Leave, Professional Improvement Leave--Change of Date, Promotions/Tenure and Emeritus Titles, as detailed in the University Budget, be approved.

June 7, 1984 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Resignation

DAVID W. KRAMER will resign as Dean and Director of Regional Campuses - Mansfield Campus, effective December 31, 1985.

#### Changes in Title

Name: RODNEY J. HARRISON  
Title: Associate Vice Provost  
Office: Academic Affairs  
Effective: July 1, 1984  
Salary: \$55,080.00  
Present Position: Acting Vice Provost for Student Affairs and Director for Student Financial Aids

Name: LENA BAILEY  
Title: Dean  
College: Home Economics  
Effective: July 1, 1984  
Salary: \$66,000.00  
Present Position: Acting Dean, College of Home Economics

Name: GRAYCE M. SILLS  
Title: Acting Dean  
College: Nursing  
Effective: July 1, 1984  
Salary: \$64,200.00  
Present Position: Acting Associate Dean, College of Nursing

#### Appointments

Name: JOHN F. WICKLEIN  
Title: Visiting Professor (Willard M. Kiplinger Chair in Public Affairs Reporting)  
School: Journalism  
Effective: July 1, 1984  
Salary: \$55,080.00  
Present Position: Associate Director for News and Public Affairs Programs, Corporation for Public Broadcasting, Washington, D. C.

Name: ARTHUR JAMES  
Title: Medical Director of the Cancer Research Institute  
College: Medicine  
Effective: July 1, 1984 - June 30, 1985  
Salary: No Salary  
Present Position: Professor Emeritus in the Department of Surgery  
Special Instructions: Board of Trustees' resolution specifying mandatory retirement age is hereby waived.

June 7, 1984 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

Appointment of Chairpersons of Departments and Academic Faculty and Directors of Schools

July 1, 1984 through August 31, 1984

School of Public Administration  
(and Acting Associate Dean, College  
of Administrative Science)

Arthur D. Lynn, Jr.\*

July 1, 1984 through June 30, 1985

Obstetrics and Gynecology  
(extension of appointment)  
Veterinary Physiology and Pharmacology

Frederick Zuspan

Robert L. Hamlin\*

July 1, 1984 through June 30, 1988

Academic Faculty of Labor Education  
and Research Services  
School of Natural Resources

Charles J. Slanicka  
Craig B. Davis

October 1, 1984 through June 30, 1985

Linguistics

Ilse Lehisté\*

October 1, 1984 through September 30, 1985

Family and Community

Bonnie J. Garvin\*

October 1, 1984 through September 30, 1988

Life Span Process  
Philosophy

Joanne S. Stevenson  
Marshall Swain

\*Acting Appointments

Reappointment of Chairpersons of Departments

July 1, 1984 through June 30, 1988

Engineering Graphics  
Family Medicine  
Geology and Mineralogy  
Ophthalmology  
Pathology  
Physical Medicine  
Surgery

John T. Demel  
P. Tennyson Williams  
Peter N. Webb  
William H. Havener  
Donald A. Senhauser  
Ernest W. Johnson  
Larry C. Carey

Leaves of Absence Without Salary

BETTINA G. ANDERSON, Professor, Department of Veterinary Anatomy, effective June 25, 1984 through July 20, 1984, to attend classes for a five week summer term in Tennessee.

June 7, 1984 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Leaves of Absence Without Salary (contd)

RICHARD BJORNSON, Professor, Department of Romance Languages and Literatures, effective October 1, 1984 through September 30, 1985, to teach as a distinguished visiting professor at the University of Bayreuth (West Germany).

FREDERICK D. STURDIVANT, Professor, Academic Faculty of Finance, effective July 1, 1984 through June 30, 1985, to spend the next year as an officer in the Chicago office of Management Analysis Center, Inc. (MAC).

#### Leave of Absence Without Salary--Change of Date

JOAN E. HERR, Assistant Professor, Department of Human Nutrition and Food Management, change leave of absence from October 1, 1983 through September 30, 1984, to October 1, 1983 through March 31, 1984.

#### Professional Improvement Leave

MICHAEL E. MANGINO, Associate Professor, Department of Food Science and Nutrition, effective Summer Quarter and Fall Quarter 1985, and Winter Quarter 1986.

#### Professional Improvement Leave--Change of Date

CHARLES E. HERDENDORF, Professor, Department of Zoology, change professional improvement leave from Autumn Quarter 1984, Winter Quarter, Spring Quarter and Summer Quarter 1985 to Winter Quarter, Spring Quarter, Summer Quarter and Autumn Quarter 1985.

#### Emeritus Titles

KATHRYN T. SCHOEN, Board of Trustees, with the title Vice President Emeritus, effective July 1, 1984.

JULES B. LAPIDUS, the Graduate School, with the title Professor and Dean Emeritus, effective July 1, 1984.

WELDON A. KEFAUVER, Ohio State University Press, with the title Director of Ohio State University Press Emeritus, effective October 1, 1984.

ARTHUR E. ADAMS, Department of History, with the title Professor Emeritus, effective July 1, 1984.

DAVID E. BLACK, Department of Art, with the title Professor Emeritus, effective July 1, 1984.

L. CARLTON BROWN, Department of Physics, with the title Professor Emeritus, effective July 1, 1984.

June 7, 1984 meeting, Board of Trustees

#### PERSONNEL ACTIONS (contd)

##### Emeritus Titles (contd)

HARRY L. COLES, JR., Department of History, with the title Professor Emeritus, effective July 1, 1984.

ERNEST G. EHLERS, Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1984.

JUNE Z. FULLMER, Department of History, with the title Professor Emeritus, effective July 1, 1984.

GILBERT S. GUILER, Department of Agricultural Education, with the title Professor Emeritus, effective July 1, 1984.

ROBERT J. LENARDON, Department of Classics, with the title Professor Emeritus, effective July 1, 1984.

GEORGE E. MOORE, JR., Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1984.

HERMAN W. NEWLAND, Department of Animal Science, with the title Professor Emeritus, effective July 1, 1984.

CLINTON V. OSTER, School of Public Administration, with the title Professor Emeritus, effective July 1, 1984.

ELTON F. PADDOCK, Department of Genetics, with the title Professor Emeritus, effective July 1, 1984.

LOREN S. PUTNAM, Department of Zoology, with the title Professor Emeritus, effective July 1, 1984.

FRANCES W. QUANTIUS, Department of Economics, with the title Professor Emeritus, effective July 1, 1984.

WALTER W. SEIFERT, School of Journalism, with the title Professor Emeritus, effective July 1, 1984.

NEAL A. SMITH, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1984.

JOHN T. STARLING, Department of Agricultural Education, with the title Professor Emeritus, effective July 1, 1984.

ROBERT B. SUTTON, Department of Educational Policy and Leadership, with the title Professor Emeritus, effective July 1, 1984.

ROBERT G. TURNBULL, Department of Philosophy, with the title Professor Emeritus, effective July 1, 1984.

PAUL S. UNDERWOOD, School of Journalism, with the title Professor Emeritus, effective July 1, 1984.

June 7, 1984 meeting, Board of Trustees

### PERSONNEL ACTIONS (contd)

#### Emeritus Titles (contd)

JAMES W. LOTZ, College of Dentistry (Community Dentistry), with the title Associate Professor Emeritus, effective July 1, 1984.

JAMES C. MACDONALD, School of Journalism, with the title Associate Professor Emeritus, effective July 1, 1984.

WALTHER P. MICHAEL, Department of Economics, with the title Associate Professor Emeritus, effective September 1, 1984.

ROGER A. MILLER, Department of Agricultural Engineering, with the title Associate Professor Emeritus, effective July 1, 1984.

ALMA L. WITTMAYER, College of Nursing, with the title Associate Professor Emeritus, effective July 1, 1984.

GEORGE H. BONNELL, Department of Family Medicine, with the title Assistant Professor Emeritus, effective July 1, 1984.

VIRGIL L. CARNES, College of Dentistry (Oral Surgery), with the title Assistant Professor Emeritus, effective July 1, 1984.

KATHERINE F. WHINNERY, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective June 1, 1984.

BENJAMIN R. WILTBERGER, Department of Surgery, with the title Clinical Professor Emeritus, effective July 1, 1984.

FAYE S. SMITH, Office of the Board of Trustees, with the title Assistant to the Secretary of the Board of Trustees Emeritus, effective July 1, 1984.

Upon motion of Mr. Galbreath, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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### RESOLUTIONS IN MEMORIAM

Resolution No. 84-144

Synopsis: Resolutions honoring the service of three of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Galbreath, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

June 7, 1984 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

Maurice L. Giltz

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 30, 1984, of Maurice L. Giltz, Professor Emeritus in the Department of Zoology, College of Biological Sciences.

Dr. Giltz was born September 24, 1910, in Massillon, Ohio. He completed his B.S. in Biology in 1937 at Capital University. Dr. Giltz taught Biology at South Bloomfield High School from 1937-41, and he taught Biology and coached at Massillon High School from 1941-43. He was awarded an M.S. degree in 1942 on completion of his research at the Stone Laboratory of The Ohio State University. Dr. Giltz was a Naval Officer during World War II serving from 1943-46. He studied for his doctorate in Zoology at The Ohio State University working with Dr. David F. Miller, and he received the Ph.D. in 1954. Dr. Giltz was appointed an Instructor in Zoology in 1949, Assistant Professor in 1954, Associate Professor in 1959, and Professor in 1968.

Dr. Giltz taught general zoology, anatomy and ornithology. He delighted in field work where students learned the biology of birds. He worked closely with the Columbus Metropolitan Parks and was a loyal member of the Wheaton Club, central Ohio's society of field naturalists. Research concerning birds was an important part of his academic life. Working with others, he was responsible for the live trapping and banding of many thousands of birds in the Columbus area. This work led to publications concerning the migratory patterns of these birds. He cooperated with the Agriculture Research and Development Center at the Maples Marsh in Sandusky researching the depredation of crops brought about by blackbirds. He was a pioneer in management studies of blackbird populations. He retired from the Zoology Department in June, 1981.

On behalf of the University community, the Board of Trustees expresses to the family its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and The Ohio State University have sustained.

William B. Logan

The Board of Trustees of The Ohio State University expresses its sorrow upon the death of William B. Logan, Professor Emeritus in the Department of Educational Policy and Leadership, Division of Vocational-Technical Education.

A native of North Carolina, Professor Logan joined the faculty in 1948 and was awarded a Ph.D. in Education in 1952. His B.A. was earned at Furman in 1939 and his M.S. at the University of North Carolina in 1944. Professor Logan began his professional career by teaching high school distributive education in Ashville, North Carolina. Later he served in administration in the State Department of Public Instruction and in teacher education at the University of North Carolina.



June 7, 1984 meeting, Board of Trustees

## RESOLUTIONS IN MEMORIAM (contd)

### William B. Logan (contd)

In addition to his undergraduate and graduate instruction at OSU, Professor Logan engaged in extensive professional service. He was president of the American Vocational Association, served on President Kennedy's Panel of Consultants on Vocational Education, and several Office of Education panels. In addition, he was a visiting professor at numerous institutions and the author of three textbooks.

Upon his retirement from OSU in 1967, Professor Logan assumed the presidency of Webber College in Babson Park, Florida. During his twelve-year tenure as president, the college expanded from a two-year to a four-year institution. In 1973 he was elected president of the Florida Association of Colleges and Universities.

Dr. Logan's contributions were recognized by OSU through the awarding to him of a Centennial Award for his contribution to vocational-technical education.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

### William J. Miller

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 12, 1984 of William J. Miller, M.D., Professor Emeritus in the Department of Otolaryngology.

Dr. Miller was born December 12, 1908. He received his B.S. from Valparaiso University and his M.D. from Indiana University Medical School. Following this, he completed postdoctoral training at Epworth Hospital in Indiana and at The Ohio State University, followed by training at Washington University and Lempert Institute of Otolaryngology.

Dr. Miller was appointed to the faculty in the Department of Otolaryngology as a Clinical Instructor in 1944. He progressed steadily through the several intermediate faculty ranks to become a Clinical Professor in 1970. Upon his retirement from the faculty in 1980, he was granted the title of Professor Emeritus.

Dr. Miller's association with the College of Medicine entailed service both at Children's Hospital and University Hospitals. In these situations, he worked closely with resident physicians and medical students and was regarded by all as a bulwark of the department. Dr. Miller was among the earliest to pick up innovative procedures and he was especially well known throughout Central Ohio as a surgeon who pioneered the fenestration procedure for the treatment of otosclerotic deafness. His warm personality and dedication to medical teaching made him a most influential member of the Department of Otolaryngology.

June 7, 1984 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William J. Miller (contd)

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Miller its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 84-145

Synopsis: The reports on contracts, grants, and gifts and the summaries for April, 1984 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, and The Ohio State University Development Fund during the month of April, 1984, be approved.

Upon motion of Mr. Immke, seconded by Mr. Berry, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

SUMMARY FOR APRIL 1984

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	68	\$4,196,470.00
Engineering Experiment Station	1	\$ 101,690.00
		\$4,298,160.00

June 7, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR APRIL 1984 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

Lane Schick Trust Fund (Provide grants for medical students from Guernsey or Belmont Counties)	\$ 99,617.92
Leland and Jessie Emerson Browne Scholarship Fund in Veterinary Medicine (Scholarships - College of Veterinary Medicine)	\$ 60,873.40
Edwin U. Wolfinger Scholarship Fund (Scholarships - Marion Campus)	\$ 35,000.00
Jack E. and Nan L. Lampton Scholarship Fund (Scholarships)	\$ 35,000.00
Harold A. James Fund (Income to be used at the discre- tion of the Dean of the College of Law)	\$ 21,108.00
Robert L. Bates Endowed Fund in Chemical Engineering (Fund special needs within said department)	\$ 16,090.00
Edgar W. Ingram Minority Assistance Scholarship Fund (Scholarships for minority students in the College of Law)	\$ 11,550.00
Dr. Manuel Izagournis Education Fund (Support the scholarly endeavors of a physician or student who is actively involved in the field of Endocrinology)	\$ 10,000.00

June 7, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR APRIL 1984 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

Hoyt L. Sherman Memorial Scholarship Fund (Award one or more outstanding students majoring in art)	\$ 6,450.00
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Carl A. Lincke, M.D. Endowment Fund (Research projects - College of Medicine)	\$ 5,110.00
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Report from Presidents Club

Members to date	4,642
1983-84 members: fiscal year to date	91
1984 members: calendar year to date	27
New members - April 1984	6

New Presidents Club Members - April 1984

Franklin D. Fite	Donald A. Turner
James E. Houston*	James W. Vogel
Laurence E. Stempel	Harold N. Wilson*

\*Enrolled under new requirements - \$2,000 annual gift

June 7, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

July through April  
1982/83 compared to 1983/84  
THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

	CONTRIBUTIONS BY SOURCE			
	Donors		Dollars	%
	July through April 82-83	83-84	July through April 82-83	83-84
		Change		Change
Alumni	34,616	37,059	\$ 6,892,156	\$ 5,165,555
Non-Alumni	23,635	18,499	3,255,629	5,263,773
Corporate Foundations	1,391	1,476	3,655,835	4,364,084
Private Foundations	223	236	1,238,606	1,387,925
Other Organizations	111	121	646,096	923,682
	549	701	878,061	862,675
Total	60,525	58,088	\$16,566,383	\$17,967,694
		(4)		8

CONTRIBUTIONS BY TYPE			
	July-April 82-83	July-April 83-84	% Change
Designated	\$13,256,546	\$15,159,722	14
Undesignated	1,138,664	1,263,847	11
Gifts-In-Kind	2,171,173	1,544,125	(29)
Total	\$16,566,383	\$17,967,694	8
Gifts (# of)	80,793	73,941	(8)

June 7, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - April 1984

Federal Research Contracts/Grants

\$615,868.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Regional Resource Center, Department of Human Services Education (T. M. Stephens), 1 June 1984 through 31 May 1985. (Project 763600 - Continuation)

\$449,894.00 - National Aeronautics and Space Administration, Lewis Research Center, Hampton, Virginia, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters, Jr. and W. D. Burnside), 1 May 1984 through 30 April 1985. (Project 761608 - Continuation)

\$235,200.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Fellowship Program G\*POP, Graduate School Administration (A. S. Pruitt), 1 September 1984 through 31 August 1985. (Project 764060 - Continuation)

\$200,000.00 - National Science Foundation, Washington, D. C., Motion Control, Natural Phenomena, and Parallel Architectures for Display Algorithms, Department of Art Education (C. A. Csurí), 1 December 1984 through 31 May 1985. (Project 763611 - Continuation)

\$155,521.00 - Department of Defense, Washington, D. C., The Basic Issues Involved in Military Competence: An Historical Examination, Mershon Center for Education and Department of History (A. R. Millett) and Department of History (W. Murray), 9 April 1984 through 30 September 1984. (Project 763532 - Continuation)

\$151,438.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1984 through 30 June 1985. (Project 761160 - Continuation)

\$146,308.00 - National Science Foundation, Washington, D. C., Soil Hydrology and Nutrient Dynamics in Tussock Tundra, Institute of Polar Studies (K. R. Everett), 15 June 1984 through 30 May 1985. (Project 763207 - Continuation)

\$126,830.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine - Administration (M. Tzagournis), 1 April 1984 through 31 March 1985. (Project 761078 - Continuation)

June 7, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$124,545.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Epstein-Barr Virus DNA in Transfected Cells, Department of Medical Microbiology and Immunology (M. R. Glaser), 1 April 1984 through 31 March 1985. (Project 762623 - Continuation)

\$111,245.00 - Department of Energy, Argonne, Illinois, Investigation of Ultrasonic Wave Interactions at Boundaries Separating Anisotropic Materials, Department of Welding Engineering (L. Adler), 1 April 1984 through 31 March 1985. (Project 764033 - New)

\$106,873.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School Administration (J. B. LaPidus), 1 April 1984 through 31 March 1985. (Project 764748 - Continuation)

\$100,000.00 - National Science Foundation, Washington, D. C., Equipment for Research in Nuclear Physics at Low and Intermediate Energies, Including Investigations of Fundamental Symmetries and Nuclear Astrophysics, Department of Physics (R. N. Boyd, T. R. Donoghue, S. L. Blatt, E. R. Sugarbaker and H. J. Hausman), 15 April 1984 through 31 March 1985. (Project 764075 - New)

\$91,900.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Diazo, Triazeno, and Novel Heterocyclic Compounds, Department of Chemistry (H. Shechter), 1 April 1984 through 31 March 1985. (Project 762793 - Continuation)

\$81,502.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Synthesis of Substituted Polycyclic Hydrocarbons, Department of Chemistry (M. S. Newman), 1 April 1984 through 31 March 1985. (Project 761809 - Continuation)

\$80,540.00 - Department of Energy, Argonne, Illinois, Chemoradiotherapy of Cancer Using Boronated Monoclonal Antibodies, College of Pharmacy (A. H. Soloway) and Department of Pathology (R. F. Barth), 1 April 1984 through 31 March 1985. (Project 763051 - Continuation)

\$78,216.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chemical Modification of Plastocyanin, Department of Biochemistry (E. L. Gross), 1 May 1984 through 30 April 1985. (Project 763080 - Continuation)

June 7, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Federal Research Contracts/Grants (contd)

\$70,000.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Effects of Ice Formation on 2-D Aerodynamic Shapes, Department of Aeronautical and Astronautical Engineering (M. B. Bragg and G. M. Gregorek), 1 June 1984 through 30 September 1984. (Project 762009 - Continuation)

\$51,534.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Lung CO<sub>2</sub> Receptors and Ventilatory Control, Department of Anesthesiology (R. D. Tallman, Jr.), 1 May 1984 through 30 April 1985. (Project 763073 - Continuation)

\$51,078.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Side Impact Aggressiveness Attributes, Department of Mechanical Engineering (D. A. Guenther), 1 April 1984 through 31 March 1985. (Project 764054 - New)

\$50,575.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Regional Resource Center, Department of Human Services Education (T. M. Stephens), 1 June 1984 through 31 May 1985. (Project 763600 - Continuation)

\$48,000.00 - National Science Foundation, Washington, D. C., Planar Front Solidification Simulation, Department of Industrial and Systems Engineering (R. L. Lewis), 1 May 1984 through 30 April 1986. (Project 764067 - New)

\$47,950.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Analysis of the Scattering from an Inlet Geometry with Lossy Walls, Department of Electrical Engineering, ElectroScience Laboratory (P. H. Pathak), 13 April 1984 through 12 January 1985. (Project 763822 - Continuation)

\$45,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Research on Analysis of Large Aperture Reflector Antennas, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 1 April 1984 through 30 November 1984. (Project 763724 - Continuation)

\$40,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Improvement of Knowledge Regarding Earth's Gravity Field from Terrestrial and Satellite Data, Department of Geodetic Science and Surveying (R. H. Rapp), 1 June 1984 through 31 May 1985. (Project 760056 - Continuation)



June 7, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$38,000.00 - Department of Education, Office of Special Education and Rehabilitation Services, Washington, D. C., Handicapped Personnel Preparation, Preparation of Special Educators, School of Health, Physical Education, and Recreation (W. F. Ersing), 1 June 1984 through 31 May 1985. (Project 763768 - Continuation)

\$36,306.00 - Department of Agriculture, Animal and Plant Health Inspection Service, Oak Brook, Illinois, Alfalfa Weevil and Mexican Bean Beetle Biological Control Program, Cooperative Extension State Operations and Department of Plant Pathology (L. W. Deep), 1 April 1984 through 30 September 1984. (Project 764065 - New)

\$35,600.00 - National Science Foundation, Washington, D. C., Study of a Gas-Liquid-Solid Fluidized Bed Containing a Binary Mixture of Particles, Department of Chemical Engineering (L. S. Fan), 1 May 1984 through 30 April 1985. (Project 763527 - Continuation)

\$28,307.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Pedestrian Cadaver Tests Preliminary Analysis, Department of Chemical Engineering (D. A. Guenther), 1 April 1984 through 31 December 1984. (Project 764048 - New)

\$27,000.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Preliminary Development of a Multi-Directional Hybrid III Dummy, Department of Mechanical Engineering (R. L. Stalnaker), 1 March 1984 through 31 October 1984. (Project 764057 - New)

\$26,635.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1984 through 31 March 1985. (Project 760661 - Continuation)

\$25,000.00 - National Science Foundation, Washington, D. C., An Experimental and Modeling Investigation of Supercritical Carbon Dioxide and Water in Ternary Systems, Department of Chemical Engineering (H. C. Hershey), 1 April 1984 through 31 March 1985. (Project 764053 - New)

\$24,940.00 - Environmental Protection Agency, Washington, D. C., Effects of Toxic Substances on Growth, Survival and Pathology of Larval Fishes in the River Raisin Estuary, Michigan, Lake Erie, Center for Lake Erie Area Research (C. E. Herdendorf), 27 June 1983 through 26 June 1985. (Project 763665 - Continuation)

June 7, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$23,225.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine - Administration (R. A. Wright), 1 April 1984 through 31 March 1985. (Project 762776 - Continuation)

\$19,700.00 - National Science Foundation, Washington, D. C., Spectroscopic Studies of Active Galaxies and Quasi-Stellar Objects, Department of Astronomy (B. M. Peterson), 15 April 1984 through 31 October 1984. (Project 764070 - Continuation)

\$18,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Conference: Skeletal, Heart and Smooth Muscle Energetics, Department of Physiology (J. A. Rall), 1 April 1984 through 31 March 1985. (Project 764051 - New)

\$12,702.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, Traineeships, Graduate Health Administration Programs (Formula), College of Medicine - Administration (S. F. Loeb), 1 July 1984 through 30 June 1985. (Project 764066 - Continuation)

\$8,292.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Rockville, Maryland, A Study of Maternal Separation Anxiety in Mothers of Second-Born Infants, Department of Family Relations and Human Development (E. R. Hock and M. S. Pitzer), 1 April 1984 through 31 March 1985. (Project 763456 - Continuation)

\$4,350.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Conference on Group Theory in Statistics, Department of Statistics (P. K. Goel), 9 April 1984 through 8 April 1985. (Project 764074 - New)

\$3,328.00 - Department of the Navy, Office of Naval Research, Washington, D. C., Xenon Probe Laser for Atmospheric Studies, Department of Electrical Engineering, ElectroScience Laboratory (E. K. Damon), 30 June 1983 through 31 July 1983. (Project 762346 - Continuation)

\$3,119.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bethesda, Maryland, Open Loop Forcing of Chest Volume and CO<sub>2</sub> Concentration, Department of Physiology (A. L. Kunz), 1 April 1983 through 31 March 1984. (Project 761572 - Continuation)

June 7, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$2,941.00 - Department of Transportation, National Highway Traffic Safety Administration, East Liberty, Ohio, Side Impact Aggressiveness Attributes - Statistical Analysis, Department of Statistics (P. K. Goel), 19 March 1984 through 1 June 1984. (Project 764073 - New)

\$2,500.00 - Department of the Army, Army Corps of Engineering, Fort Sheridan, Illinois, Armed Services Vocational Aptitude Battery (ASVAB) Advisory Panel, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1984 through 28 September 1984. (Project 763319 - Continuation)

TOTAL - FEDERAL AWARDS \$3,599,962.00

State of Ohio Research Contracts/Grants

\$66,931.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant (Clinic), Department of Pediatrics (L. Cordero) and Department of Obstetrics and Gynecology (F. P. Zuspan), 1 April 1984 through 30 September 1984. (Project 764100 - Continuation)

\$8,636.00 - State of Ohio, Department of Youth Services, Columbus, Ohio, Graduate Student Internship, Department of Human Services Education (D. S. Hill), 1 March 1984 through 31 August 1984. (Project 764041 - New)

\$4,220.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Coping with Victimization: The Impact of Rape on Survivors and Male Significant Others, Impact on Recovery and Interpersonal Relationships, Department of Family Relations and Human Development (P. C. McKenry), 1 April 1984 through 30 June 1984. (Project 764026 - New)

\$3,294.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant (Outreach), Department of Pediatrics (L. Cordero) and Department of Obstetrics and Gynecology (F. P. Zuspan), 1 January 1984 through 30 June 1984. (Project 764052 - New)

\$1,000.00 - State of Ohio, The Ohio Humanities Council, Columbus, Ohio, Spain, 1984, An Interdisciplinary Symposium, Department of Romance Languages and Literatures (S. J. Summerhill), 13 March 1984 through 30 June 1984. (Project 764061 - New)

TOTAL - STATE OF OHIO AWARDS \$ 84,081.00

June 7, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants

\$66,579.00 - The Standard Oil Company (SOHIO), Cleveland, Ohio, Electro-Catalytic Reduction of Carbon Monoxide and Carbon Dioxide to Carbon-Based Products, Department of Chemistry (T. Kuwana and D. W. Meek), 1 July 1984 through 30 June 1985. (Project 763417 - Continuation)

\$42,000.00 - Abbott Laboratories, North Chicago, Illinois, Prospective Randomized Evaluation of Impersol System 3 Compared to Standard CAPD Spike and Clam Shell Connectors, Department of Medicine (W. H. Bay), 1 April 1984 through 31 March 1985. (Project 764046 -New)

\$29,948.00 - Rockwell International Corporation, Anaheim, California, Satellite Antenna Study, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 1 March 1984 through 30 June 1984. (Project 764058 - New)

\$26,812.00 - Westinghouse Electric Corporation, Baltimore, Maryland, Target Scattering Image Studies, Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 2 April 1984 through 1 December 1984. (Project 764068 - New)

\$17,000.00 - Martin Marietta Corporation, Oakridge, Tennessee, Study the Relationships between Fracture Mechanics and Ultrasonic Parameters of Graphnol, Department of Welding Engineering (L. Adler), 1 March 1983 through 30 September 1984. (Project 763507 - Continuation)

\$7,600.00 - Airtron, Inc., Morris Plains, New Jersey, Magneto-Optical Properties and Crystalline Anisotropy Fields in the Bismuth-Doped Magnetic Garnets, Department of Physics (P. E. Wigen), 23 February 1984 through 24 February 1985. (Project 764049 - New)

\$4,056.00 - Price Waterhouse and Company, Washington, D. C., ARAMCO Training Program, The National Center for Research in Vocational Education (R. E. Taylor), 15 April 1982 through 23 December 1983. (Project 763094 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 193,995.00

Other Non-Federal Research Contracts/Grants

\$100,000.00 - Midwest Universities Consortium for International Activities, Inc., Champaign, Illinois, Burma Maize and Oilseeds Production Project, International Programs in Agriculture (H. D. Bauman), 22 September 1982 through 26 October 1986. (Project 763368 - Continuation)

June 7, 1984 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$56,000.00 - Virginia Polytechnic Institute and State University, Blacksburg, Virginia, The Chemical Architecture of Molecular Ferromagnets, Department of Chemistry (D. H. Busch), 1 March 1984 through 31 March 1985. (Project 763742 - Continuation)

\$30,000.00 - California Institute of Technology, Pasadena, California, Support of the NASA Propagation Studies and Measurement Program, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis and E. K. Damon), 1 April 1984 through 30 June 1984. (Project 763692 - Continuation)

\$28,545.00 - United Nations, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1983 through 30 June 1984. (Project 760113 - Continuation)

\$27,170.00 - Children's Hospital Research Foundation, Columbus, Ohio, Subcontract-Children's Hospital Application to NIH-Pancreatic Function Testing with Lipid Analogues, Department of Veterinary Clinical Sciences (R. G. Sherding), 1 April 1984 through 31 March 1985. (Project 763995 - Continuation)

\$22,500.00 - Battelle Memorial Institute, Columbus, Ohio, Interdisciplinary Study of Basic Wear Mechanisms in Metals, Department of Metallurgical Engineering (D. A. Rigney), 16 April 1984 through 15 April 1985. (Project 763066 - Continuation)

\$15,000.00 - National Cancer Cytology Center, Plainview, New York, An in Vivo Model for the Inductive Chemotherapy of Hairy Cell Leukemia, Department of Pathology (R. F. Barth and W. C. Hooper), 1 March 1984 through 28 February 1985. (Project 763469 - Continuation)

\$12,000.00 - Iowa State University, Ames, Iowa, Develop Crime Prevention Educational Materials, Department of Agricultural Economics and Rural Sociology (J. F. Donnermeyer), 1 April 1984 through 30 September 1985. (Project 764064 - New)

\$7,000.00 - Ohio Manufacturers' Association, Columbus, Ohio, Economic Development and Industrial Retention, Department of City and Regional Planning (S. I. Gordon) and Department of Agricultural Economics and Rural Sociology (G. W. Morse), 1 April 1984 through 31 December 1984. (Project 764059 - New)

June 7, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

#### Other Non-Federal Research Contracts/Grants (contd)

\$5,814.00 - Cancer Therapy and Research Center, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. O'Toole), 1 January 1984 through 31 December 1984. (Project 761460 - Continuation)

\$5,402.00 - Midwest Research Institute, Kansas City, Missouri, Consultative Assistance on Vocational Education and Economic Development for the Midwest Research Institute, The National Center for Research in Vocational Education (R. E. Taylor), 9 April 1984 through 30 June 1984. (Project 764069 - New)

\$4,000.00 - Battelle Memorial Institute, Columbus, Ohio, Alumina Tooth Implantation in Human Subjects, College of Dentistry - Crown and Bridge (M. O. Brose), 6 April 1984 through 15 June 1985. (Project 762936 - Continuation)

\$3,001.00 - Cancer Therapy and Research Center, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), 1 January 1984 through 31 December 1984. (Project 763118 - Continuation)

\$2,000.00 - Dermatology Foundation, Evanston, Illinois, Further Studies of Lichen Planus Specific Antigen, Department of Medicine (C. Camisa), 1 January 1984 through 31 December 1984. (Project 764056 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 318,432.00

### ENGINEERING EXPERIMENT STATION

#### Industrial and Other Sponsored Research and Development

\$101,690.00 - from 29 sponsors of 33 development projects under the direction of six engineering departments.

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

#### Establishment of Named Funds

##### Lane Schick Trust Fund

The Lane Schick Trust Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Elizabeth Lane Schick, Cambridge, Ohio, in memory of her parents, Dr. and Mrs. Fred W. Lane, and her husband, Frank W. Schick.

June 7, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Lane Schick Trust Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to advance teaching and research in the field of cancer and to provide grants for research and fellowships for deserving medical students from Guernsey or Belmont Counties in Ohio, or physicians involved in the study of cancer. The individuals selected to receive support will be chosen by the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then responsible for research and teaching in the field of cancer.

##### Leland and Jessie Emerson Browne Scholarship Fund in Veterinary Medicine

The Leland and Jessie Emerson Browne Scholarship Fund in Veterinary Medicine was established June 7, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Office of University Development from the estate of Jessie Emerson Browne, B.A. '12.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for veterinary students or fellowships to graduate students who have demonstrated academic ability and the need for financial assistance. The selection of the recipient(s) is to be made by the College of Veterinary Medicine.

Should the need for these scholarships and fellowships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for veterinary medical education.

##### Edwin U. Wolfinger Scholarship Fund

The Edwin U. Wolfinger Scholarship Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with a gift to the Office of University Development from the estate of Edwin U. Wolfinger, Marion, Ohio.

June 7, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Edwin U. Wolfinger Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more academic scholarships to a Marion County student(s) attending the Marion Campus of The Ohio State University. The selection of the award recipient(s) is to be made by the Marion Campus Scholarship Committee and Dean in consultation with The Ohio State University Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official at the Marion Campus for the benefit of the Marion Campus.

##### Jack E. and Nan L. Lampton Scholarship Fund

The Jack E. and Nan L. Lampton Scholarship Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Nannie L. Lampton in memory of her husband, Jack E. Lampton. Mr. and Mrs. Lampton have resided for a number of years in Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for entering freshmen or enrolled undergraduate students who demonstrate financial need and have strong academic ability. Purpose of the scholarship(s) is to enable qualified students to acquire an education which the donors were unable to obtain. Selection of the scholarship recipient(s) is to be made upon the recommendation of the University Student Financial Aid Committee. The scholarship(s) are renewable by recipients on their reapplication for consideration along with other qualified applicants. The donor, Mrs. Lampton, for as long as she desires, is to be notified of all scholarship appointments.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, consistent with the above purposes, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for student financial aid.



June 7, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Harold A. James Fund

The Harold A. James Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mr. Harold A. James, J.D. '29, of Toledo, Ohio.

The gift is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used at the discretion of the Dean of the College of Law of The Ohio State University.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the College of Law.

##### Robert L. Bates Endowed Fund in Chemical Engineering

The Robert L. Bates Endowed Fund in Chemical Engineering was established June 7, 1984, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends and associates of Robert L. Bates, BChE '48, ChE '58, Dayton, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used by the Chairman of the Department of Chemical Engineering, in consultation when possible with Robert L. Bates, to fund special needs within said department. These special needs may include scholarships, fellowships, equipment acquisition and faculty development.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

June 7, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Funds (contd)

##### Edgar W. Ingram Minority Assistance Scholarship Fund

The Edgar W. Ingram Minority Assistance Scholarship Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from The Edgar W. Ingram Foundation of Columbus, Ohio, and alumni of The Ohio State University College of Law.

The gift is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships for minority students in the OSU College of Law with preference being given to law students who are from the Central Ohio area.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of The College of Law.

##### Dr. Manuel Tzagournis Education Fund

The Dr. Manuel Tzagournis Education Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from members and friends of the Annunciation Greek Orthodox Church of Columbus, Ohio, in honor of Dr. Manuel Tzagournis, B.S. '56, M.D. '60, M.S. '67, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support the scholarly endeavors of a physician or student who is actively involved in the field of Endocrinology. The recipient will be selected by the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University then responsible for the College of Medicine.

June 7, 1984 meeting, Board of Trustees

## REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

### THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

#### Establishment of Named Fund (contd)

##### Hoyt L. Sherman Memorial Scholarship Fund

The Hoyt L. Sherman Memorial Scholarship Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends in memory of Hoyt L. Sherman, B.A. '28, whose career at Ohio State spanned 46 years of teaching and research in the College of The Arts, Department of Art.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be awarded to one or more outstanding students who major in art. Recipients will be selected by established procedures within the Department of Art, with final approval by the Chairperson of the Department in consultation with the appropriate art faculty, and with the approval of the Dean of the College of The Arts.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for academic programs in the Department of Art.

##### Carl A. Lincke, M.D. Endowment Fund

The Carl A. Lincke, M.D. Endowment Fund was established June 7, 1984, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund by friends, patients, and associates of Dr. Carl A. Lincke, M.D., 1931, in conjunction with the Carroll County Chamber of Commerce.

All gifts are to be invested in the University's Permanent Endowment Fund under the Rules and Regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used for the advancement of medical knowledge through various research projects as determined by the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for whatever purpose as determined by the Board of Trustees with preference being given to recommendation from the appropriate official of the College of Medicine.

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June 7, 1984 meeting, Board of Trustees

## PLANS AND SPECIFICATIONS

Resolution No. 84-146

Synopsis: Approval of plans and specifications for the following projects is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

### ROOF REPLACEMENT - JESSE OWENS RECREATIONAL FACILITIES (NORTH, SOUTH AND WEST)

Project: Remove existing saturated roof insulation, replace deteriorated roof deck and apply waterproof membrane over roof of each of the three designated buildings. The total roof area to be coated is approximately 90,000 square feet.

Funding: University Funds, B/A 210134 (Contract Repair - 84-85)

Estimated Construction Cost: \$325,000.00

Estimated Project Cost: \$363,200.00

### WILLIAM OXLEY THOMPSON MEMORIAL LIBRARY (MAIN LIBRARY) SKYLIGHT ENCLOSURE

Project: This project will provide a protective enclosure over the existing leaking skylight by means of an aluminum truss framing roof system, complete with clear acrylic roof panels and side panels. This enclosure will protect the existing skylight from leaks and the elements by revising the current drainage system to handle the water during heavy volume demand conditions so as not to cause flooding conditions in the interior display areas and wall surfaces, and also maintain a natural light source into the existing library space below.

Funding: University Funds, B/A 210134 (Contract Repair - 84-85)

Estimated Construction Cost: \$100,000.00

Estimated Project Cost: \$130,000.00

June 7, 1984 meeting, Board of Trustees

## PLANS AND SPECIFICATIONS (contd)

### OUTDOOR PERFORMANCE CENTER

Project: This landscape project, to be known as the Outdoor Performance Center, at the Browning Amphitheater in Mirror Lake Hollow will consist of an improved stage area, stone columns to define the proscenium, provisions to accommodate light and sound equipment, and landscape materials to provide functional and aesthetic improvement to the area.

Funding: Ohio Staters, Inc. 50th Anniversary Gift Fund

Estimated Construction Cost: \$ 85,000.00

Estimated Project Cost: \$100,000.00

#### NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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## REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 84-147

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

June 7, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

CAMPUS ENTRANCE RENOVATION  
12TH AVENUE AND HIGH STREET AND  
WOODRUFF AVENUE AND HIGH STREET

Description: This renovation project will provide paving and reconstruction of limestone entrance wall panels with the University logo to enhance the identification of these areas as entrances to the Campus. Work is to begin after June 13, 1984, and will be completed no later than September 1, 1984.

General Contract

Date Received:	April 4, 1984
No. of Bids:	5
Low Bid:	\$112,500.00
High Bid:	\$138,000.00
Estimate of Cost:	\$115,000.00
Awarded to:	Sigma Construction Co., Lancaster, Ohio
Total All Contracts:	\$112,500.00
Total Contingency Allowance:	\$ 5,950.98 (which is 5 per cent of construction costs)
Total Project Cost:	\$121,000.00
Funding:	University Funds B/A 210134 (Contract Repair)

TWELFTH AVENUE - REPAIR AND RESURFACE  
NEIL AVENUE TO HIGH STREET

Description: Plane off existing surface, excavate and patch areas which are badly deteriorated, install new curbs where needed, and resurface with asphalt overlay. Work is to begin after June 13, 1984, and will be completed no later than September 1, 1984.

General Contract

Date Received:	April 4, 1984
No. of Bids:	5
Low Bid:	\$68,533.00*
High Bid:	\$84,810.00*

\*Recommended alternate reflected in these figures.

June 7, 1984 meeting, Board of Trustees

REPORT OF AWARD OF CONTRACTS AND  
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)

TWELFTH AVENUE - REPAIR AND RESURFACE  
NEIL AVENUE TO HIGH STREET (contd)

General Contract (contd)

Estimate of Cost:	\$95,000.00*
Awarded to:	Strawser Paving, Columbus, Ohio
Total All Contracts:	\$68,533.00*
Total Contingency Allowance:	\$ 4,799.48 (which is 7 per cent of construction costs)
Total Project Cost:	\$75,000.00*
Funding:	University Funds B/A 210134 (Contract Repair)

\*Recommended alternate reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Teaford, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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COLUMBUS TELEPORT CORPORATION

Resolution No. 84-148

Synopsis: Authorization for the purchase of additional shares in the Columbus Teleport Corporation is proposed.

WHEREAS the Board of Trustees in October, 1982, authorized the Treasurer of the Board of Trustees to purchase shares in the amount of \$35,000 from unrestricted gift sources in order to purchase equity shares in Columbus Teleport Corporation in an amount greater than eight percent but less than twenty-five percent of the Corporation; and

WHEREAS the purchase of additional equity shares by The Ohio State University is desirable in order to continue the University's one-fourth position as a participant in Columbus Teleport Corporation and in order to obtain the educational and economic benefits that Columbus Teleport Corporation offers to The Ohio State University; and

June 7, 1984 meeting, Board of Trustees

#### COLUMBUS TELEPORT CORPORATION (contd)

WHEREAS each of the other shareholders of the Columbus Teleport Corporation have agreed to make an additional capital contribution in an amount not to exceed \$15,000 in order to purchase equity shares; and

WHEREAS the President recommended to the Board of Trustees that it authorize the purchase of shares by the University from Development Fund monies in an additional amount not to exceed \$15,000 in order to purchase equity shares in an amount greater than eight percent but less than or equal to twenty-five percent of the corporation in Columbus Teleport Corporation;

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of the Board of Trustees is authorized to purchase additional shares in an amount not to exceed \$15,000 from unrestricted gift sources in order to purchase equity shares in Columbus Teleport Corporation in an amount greater than eight percent but less than or equal to twenty-five percent of the Columbus Teleport Corporation, on the condition that the other three principal shareholders of Columbus Teleport Corporation purchase equity shares in an amount equal to that of The Ohio State University.

Upon motion of Mr. Immke, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution with eight affirmative votes cast by Messrs. Hilliker, Havens, Galbreath, Redman, Immke, Berry and Barone and Mrs. Bowser, and an abstention by Mr. Teaford.

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#### COLLEGE OF DENTISTRY PROFESSIONAL LIABILITY INSURANCE

Resolution No. 84-149

Synopsis: Authorization for the purchase of professional liability insurance for College of Dentistry personnel and students is proposed.

WHEREAS under Section 3345.201 O.R.C. the Board of Trustees is authorized to purchase liability insurance for University Hospital employees and/or employees of ambulatory facilities; and

WHEREAS Section 2743.02 (C) O.R.C. authorized any hospital (as defined in Section 2305.11 (D) (1)) to purchase liability insurance covering the activities of its staff; and

WHEREAS under Sections 3345.20 (B) and 3345.30 (A) and (B), the Board of Trustees is authorized to purchase liability insurance for students engaged in clinical experiences occurring in a course required for graduation; and

WHEREAS a review of the University's liability insurance needs has been made by various University officials and offices, and on the basis of this review it has been determined that a liability insurance program for College of Dentistry faculty, staff and students should be established within appropriate fiscal and legal parameters:



June 7, 1984 meeting, Board of Trustees

#### COLLEGE OF DENTISTRY PROFESSIONAL LIABILITY INSURANCE (contd)

##### NOW THEREFORE

BE IT RESOLVED, That pursuant to Sections 3345.201, 2305.11 (D) (1), 2743.02 (C), 3345.20 (B) and 3345.30 (A) and (B) O.R.C., the Benham Insurance Associates, Inc. be awarded the dental professional liability insurance program for the intramural practice of the College of Dentistry personnel and students while acting within the scope of their assigned duties/responsibilities; and

BE IT FURTHER RESOLVED, That the insurance policy be consistent with the following guidelines:

- 1) The limits of liability shall be \$1,000,000 per occurrence and \$1,000,000 annual aggregate to each named insured.
- 2) The estimated annual premium is \$18,330.00.
- 3) Funds paying the premium are budgeted within the College of Dentistry.
- 4) This coverage shall remain in effect for three (3) years beginning July 1, 1984, unless otherwise determined at the sole discretion of this Board.

Upon motion of Mr. Berry, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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#### AIRCRAFT, HANGARKEEPERS AND STUDENT FLIGHT INSURANCE

Resolution No. 84-150

Synopsis: Renewal of the Aircraft, Hangarkeepers and Student Flight Insurance is proposed.

WHEREAS coverage under the existing contracts for Aircraft, Hangarkeepers and Student Flight Insurance is expiring and competitive bids were solicited and received on May 8, 1984, to renew said coverages; and

WHEREAS the bids invited alternative coverages with the University reserving the right to select the program which, in its judgment, provided the most coverage commensurate with the premium quoted; and

WHEREAS United States Aviation Underwriters, John B. Koch, Agent, submitted the only proposal providing coverage for the Aircraft and Hangarkeepers coverages with an indicated annual premium of \$63,918, this proposal providing for three years of coverage subject to annual review; and

WHEREAS the Continental Casualty Company, Heckman Insurance Agency, Inc., Agent, submitted the only proposal providing coverage for the Student Flight Insurance program with a premium of \$20 per student for courses continuing more than one quarter and \$10 per student for courses lasting one quarter; and

June 7, 1984 meeting, Board of Trustees

**AIRCRAFT, HANGARKEEPERS AND STUDENT FLIGHT INSURANCE (contd)**

WHEREAS the bid proposals have been reviewed and have received the concurrence of the Department of Aviation and the Office of Personnel Services:

NOW THEREFORE

BE IT RESOLVED, That the United States Aviation Underwriters be awarded the Aircraft and Hangarkeepers coverages and the Continental Casualty Company be awarded the Student Flight Insurance coverage effective on the expiration of the present contracts, and that these coverages shall continue in effect until it is deemed appropriate to seek new quotations.

Upon motion of Mr. Immke, seconded by Mr. Teaforde, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**1984-85 CURRENT FUNDS BUDGET**

Resolution No. 84-151

Synopsis: The budget for 1984-85 is being submitted for adoption.

WHEREAS the levels of State support have been established for the second year of the 1983-85 biennium; and

WHEREAS appropriate planning and consultation within the University has been accomplished; and

WHEREAS the President is now prepared to present a balanced 1984-85 budget:

NOW THEREFORE

BE IT RESOLVED, That the University Current Funds Budget for Fiscal Year 1984-85, as described in the accompanying text and tables, be approved, with authorization for the President to make expenditures within the projected income levels; and

BE IT FURTHER RESOLVED, That student tuition and fees be increased by an average of 6 percent beginning Autumn Quarter, 1984, and that the Schedule of Student Fees effective Autumn Quarter, 1984, be hereby approved; and

BE IT FURTHER RESOLVED, That the Secretary be instructed to incorporate all supporting documents into the minutes of this meeting, including faculty tenure approvals, salary rolls with promotions, fees and charges for the Fiscal Year 1984-85, and to file these materials with the official records of this University.

June 7, 1984 meeting, Board of Trustees

1984-85 CURRENT FUNDS BUDGET (contd)

Mr. Hilliker made the following statement:

Before we ask for a motion on that resolution, I would like to read the following report from the Personnel Committee of the Board, which met this morning.

On September 1, 1984, President Jennings will begin his fourth year as President of this University. It hardly seems possible that three years have elapsed since the search and selection process of 1981, and that there has been time for all of the splendid achievements which have been noted during the interim. Although this Board has made an ongoing evaluation of the President's performance, it is our view that from time to time it is necessary and desirable that the results of our evaluations and assessments be publicly recorded.

As everyone would agree, most institutions of higher education are incredibly complex and require unique skills, ability, imagination, insight and leadership vitality at the highest levels. The Ohio State University, being truly the most complex, the most diverse, and certainly one of the most outstanding public institutions in this country, has been most fortunate in having in the chief leadership position, an individual in Dr. Jennings who meets in every respect the ideals of a modern university president. President Jennings, during his short tenure, has not only brought a new vitality and enthusiasm to the institution but has demonstrated unusual talent and skills in working with the diverse constituencies of the University--leaders of government, both federal and state; members of this Board; alumni of the University; faculty, staff and students.

Through his leadership he has brought about a new awareness and concern for the overriding quest for excellence in education--and, for that matter, in all that we do here at the University. It is a strong testament to his leadership that morale is high, the budget is balanced, and the basic missions and accomplishments of the University are getting more recognition today than at any time in the recent past.

In sum, it is our firm conviction that President Jennings's service to the University over the past three years has been of exceptional merit and has contributed in incalculable ways to the overall esteem, sustained interest and high regard for The Ohio State University.

Given the exceptional and meritorious performance of President Jennings, it is the desire of the University that his service be so recognized. We believe that his value to the University is such that he should be provided some monetary recognition. In accordance with this thinking, we have concluded that President Jennings should be given an increase of \$8,000.00 for the 1984-85 year.

June 7, 1984 meeting, Board of Trustees

## 1984-85 CURRENT FUNDS BUDGET (contd)

Mr. Hilliker (contd)

May I now have a motion concerning both this report and the resolution on the Current Funds Budget?

Upon motion of Mr. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

## 1984-85 CURRENT FUNDS BUDGET THE OHIO STATE UNIVERSITY

### I. INTRODUCTION

The 1984-85 budget being recommended is different from those presented over the past three years since this budget can be presented to this Board without the uncertainties in State funding. While the State support for 1984-85 remains extremely limited, this year of fiscal stability has provided the members of this University community a restored faith that looks forward to a year of progress rather than attempting to rebuild from the disasters of midyear budget cuts.

Even with budget stability, The Ohio State University must continue to operate with an extremely tight budget. This situation is exemplified by the fact that the State support for the current fiscal year, 1983-84, only equaled the original appropriation for the previous fiscal year, 1982-83. Therefore, even with a 6.7 percent increase in State support for 1984-85, this represents an effective increase of only 3 percent per year over the two years of the current biennium.

There are many people who thought that the statewide vote defeating Issue 3 last November would result in immediate additional funding for The Ohio State University. This was an incorrect assumption. What was at stake was continuation of existing state funding and protection against additional midyear reductions. These results have been achieved. Any new funding must await future action by the Ohio General Assembly for the next biennium which begins 1 July, 1985.

The 1984-85 budget being brought for your approval is in accordance with the priorities established and followed during the past three years of budget retrenchments. They include achieving fiscal stability and providing adequate time to plan ways to maintain operations within available funding levels; maintaining and enhancing quality throughout this University; and preserving the land-grant mission of accessibility for our students by keeping tuition and fee increases as low as possible.

After full consultation with the University Senate Fiscal Advisory and Faculty Compensation and Benefits Committees, deans, and vice presidents this 1984-85 budget recommendation continues to emphasize these priorities. While available funding does not enable this University to make the desired amount of progress in further strengthening excellence, funding for such new initiatives as the Ohio Eminent Scholar Program makes a strong and positive statement regarding the

June 7, 1984 meeting, Board of Trustees

**1984-85 CURRENT FUNDS BUDGET  
THE OHIO STATE UNIVERSITY (contd)**

future directions of The Ohio State University. It is our hope that the resources during the next biennium will be sufficient to support significant advancements in excellence.

**II. SOURCES OF FUNDS**

The Current Fund Budget for 1984-85 includes funding sources which total \$781,120,000, as detailed in the schedule of Sources of Income to Support 1984-85 Budget. This amount includes State support totaling \$229,381,000, which represents a 6.7 percent increase over that received for the current fiscal year. Of these total sources of funds, Columbus Campus general funds represent 42 percent of the total with earnings operations generating 34 percent, restricted grants and contracts 19 percent, and the regional campuses revenues with OARDC totaling 5 percent.

While student access remains a high priority for The Ohio State University, the continued limited amounts of State support will require student tuition increases which average 6 percent. Specifically, tuition increases of 5.5 percent for undergraduate instructional and general fees, and 7.5 percent for graduate and professional instructional fees are being recommended effective Autumn Quarter, 1984. Even though these increases exceed current inflation rates, they keep this University's fees below those amounts projected in the subsidy models of the Board of Regents. During the periods of budget cuts and resulting high rates of tuition increases statewide, the moderation used in this University's increases maintains student tuition below the Regents' 1984-85 projections for all fee categories.

Continuing prior years' efforts to manage increases in all fees and charges of the University, the limit on the average increase University-wide will be 6 percent. The continued emphasis on cost containment by our Residence and Dining Halls and by Traffic and Parking has resulted in average rate increases of 3.2 percent and 3.7 percent respectively. The resultant increase in typical student charges range from 4.7 percent to 5.8 percent, as detailed in the supporting budget materials. It should be further noted that University Hospitals have set 6 percent as the average of its rate increases, continuing that unit's leadership efforts in containing health care costs.

The other income components of the 1984-85 Current Funds Budget are in line with expected growth from 1983-84 expected revenues. The projected revenues for 1983-84 show an increase of \$24.1 million in excess of the original budget passed by this Board on 8 July, 1983. The majority of this difference results from the reclassification of \$7.8 million in Federal student aid funds and \$7.2 million in sponsored research revenues, and \$3.9 million in state appropriations due to the classified staff pay bill and actual enrollments. The other revenue adjustments represent normal differences in projected income versus the budget expectations of a year ago.

June 7, 1984 meeting, Board of Trustees

**1984-85 CURRENT FUNDS BUDGET  
THE OHIO STATE UNIVERSITY (contd)**

**III. USES OF FUNDS**

As detailed in the Schedule of Budgeted Expenditures for Fiscal Year 1984-85 and the supporting documents, this University's current fund expenditures total \$778,560,000. These planned expenditures will support the following budget planning guidelines.

- \* Increase faculty and administrative/professional staff salaries by 3 percent and provide 4 percent in salary funds for merit increases.
- \* Fund the salary increases for Civil Service staff recently mandated by the Ohio General Assembly, at an average increase of 7 percent.
- \* Increase general expense budgets by 6 percent for colleges and offices.
- \* Provide funding to maintain the purchasing power of University-funded student financial aid plus \$4.5 million to address special critical needs including providing adequate instructional staffs, support for continued efforts to enhance quality and excellence, and assist in implementing program changes as well as cost containment efforts.
- \* Provide resources to meet mandatory General Fund cost increases, such as utilities (\$1.8 million) and employee benefits (\$1.4 million).

While these expenditure plans can be achieved within the available resources, the limited funds available provide no cushion for entering the next biennium. In addition, increased attention needs to again be given to internal reallocations during these years of increased budget stability. Therefore, the 1984-85 budget plan calls for the colleges and administrative areas to begin now to develop plans to operate with a 3 percent reduction in their base budgets effective 30 June, 1985. This provides over 12 months for these units to adjust to lower spending levels and avoids the crisis budgeting experienced over the past three years of budget cuts. These reductions will result from further efficiencies, improving cost containment, and continuing reductions in programs and services which are no longer needed or central to the University's mission. The resources generated will be used for meeting changing needs and supporting demonstrated excellence, as well as new program and service initiatives as we enter the next biennium.

Every effort will be made to again provide one-time funds for equipment maintenance and replacement as well as library acquisitions to continue to improve these necessary support resources. If resources permit, the budget target is to provide \$3 million in one-time equipment and libraries funds for 1984-85.

This expenditure budget is not only within the expected resources for 1984-85, it also provides for internal reallocations to produce critical funding for further efforts to selectively enhance excellence throughout this University. These internal efforts, if coupled with expanded funding assistance for the next biennium, will restore a strong state University and continue to enhance excellence in teaching, research and related service.

June 7, 1984 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
Sources of Income to Support 1984-85 Budget  
(In Millions)

	1983-84 Budget <u>July 8, 1983</u>	1983-84 Revised Estimate	1984-85 Proposed Budget
Columbus Campus			
State Appropriations	\$ 191.36	\$ 195.06	\$ 207.98
Student Fees	110.03	111.66	116.50
Other Income			
Federal Appropriations & Grants	66.31	81.35	84.19
Ohio Grants & Contracts	8.08	8.11	8.44
Local Grants & Contracts	10.81	10.82	11.12
Private Gifts & Grants	30.00	30.88	32.71
Endowment Income	6.83	6.64	7.18
Departmental Sales & Services	19.36	16.94	17.28
Auxiliary Sales & Services	64.37	65.20	66.69
Hospital Sales & Services	154.21	156.74	171.69
Other Sources	13.78	14.72	15.84
Subtotal Other Income	373.74	391.40	415.14
TOTAL COLUMBUS CAMPUS	\$ 675.14	\$ 698.12	\$ 739.62
Regional Campuses			
State Appropriations	\$ 6.11	\$ 6.20	\$ 7.06
Student Fees	6.20	6.02	6.63
Other Income	1.96	2.73	2.85
TOTAL REGIONAL CAMPUSES	\$ 14.27	\$ 14.95	\$ 16.54
OARDC			
State Appropriations	\$ 13.65	\$ 13.74	\$ 14.36
Federal Appropriations & Grants	6.59	6.29	5.18
Other Income	3.17	3.81	5.42
TOTAL OARDC	\$ 23.41	\$ 23.84	\$ 24.96
TOTAL ALL CAMPUSES	\$ 712.82	\$ 736.91	\$ 781.12
Total University Summary			
State Appropriations	\$ 211.12	\$ 215.00	\$ 229.40
Student Fees	116.23	117.68	123.13
Other Income	385.47	404.23	428.59
GRAND TOTAL REVENUES	\$ 712.82	\$ 736.91	\$ 781.12

June 7, 1984 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
Budgeted Expenditures for 1984-85  
(In Millions)

	1983-84 Budget <u>July 8, 1983</u>	1983-84 Revised <u>Estimate</u>	1984-85 Proposed <u>Budget</u>
Columbus Campus			
Educational & General	\$ 439.81	\$ 459.82	\$ 483.01
Auxiliary Enterprises			
Residence & Dining Halls	26.30	26.16	27.49
Intercollegiate Athletics	13.14	14.02	13.89
Other Auxiliaries	21.44	22.55	24.13
Total Auxiliaries	60.88	62.73	65.51
University Hospitals	166.91	167.82	181.64
Total Columbus	\$ 667.60	\$ 690.37	\$ 730.16
Transfers	7.20	8.13	7.00
TOTAL COLUMBUS CAMPUS	\$ 674.80	\$ 698.50	\$ 737.16
Regional Campuses			
Agricultural Technical Inst.	\$ 3.91	\$ 4.00	\$ 4.46
Lima Campus	2.51	2.78	3.17
Mansfield Campus	3.17	3.31	3.54
Marion Campus	2.12	2.19	2.37
Newark Campus	2.64	2.74	2.90
TOTAL REGIONAL CAMPUSES	\$ 14.35	\$ 15.02	\$ 16.44
OARDC	\$ 23.37	\$ 23.84	\$ 24.96
TOTAL ALL CAMPUSES	\$ 712.52	\$ 737.36	\$ 778.56



THE OHIO STATE UNIVERSITY  
1984-85 CURRENT FUNDS BUDGET

Annual Fee Structure  
Effective Autumn Quarter, 1984

Student Category	Actual 1982-83			Actual 1983-84			Budgeted 1984-85		
	Instructl	General	Total	Instructl	General	Total	Instructl	General	Total
Columbus Campus									
Resident									
Undergraduate	\$ 1173	\$ 285	\$ 1458	\$ 1254	\$ 303	\$ 1557	\$ 1323	\$ 318	\$ 1641
Graduate	1596	285	1881	1707	303	2010	1836	318	2154
Graduate Professional									
Law	1881	285	2166	2013	303	2316	2164	318	2482
Medicine	3342	285	3627	3576	303	3879	3843	318	4161
Dentistry, Optometry									
Veterinary Medicine	2739	285	3024	2931	303	3234	3150	318	3468
Non-Resident									
Undergraduate	3441	285	3726	3681	303	3984	3933	318	4251
Graduate	4233	285	4518	4527	303	4830	4866	318	5184
Graduate Professional									
Law	4704	285	4989	5034	303	5337	5410	318	5728
Medicine	7542	285	7827	8070	303	8373	11367	318	11685
Dentistry, Optometry									
Veterinary Medicine	6939	285	7224	7425	303	7728	9981	318	10299
Regional Campuses									
Resident									
Undergraduate	1173	240	1413	1254	255	1509	1323	270	1593
Graduate	1596	240	1836	1707	255	1962	1836	270	2106
Non-Resident									
Undergraduate	3441	240	3681	3681	255	3936	3933	270	4203
Graduate	4233	240	4473	4527	255	4782	4866	270	5136

Note: Values shown are actual academic year fees assessed.  
UBO/June 7, 1984

June 7, 1984 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1984-85 CURRENT FUNDS BUDGET

Student Fee Schedule  
Autumn 1984

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non- Resident Tuition	Non- Resident Total
Administrative Science						
Agriculture & Home Economics						
Allied Medical Professions						
Architecture						
The Arts						
Biological Sciences						
Continuing Education						
Dental Hygiene						
Education						
Engineering	0-1	\$ 74	\$ 16	\$ 90	\$ 72	\$ 162
Health, Phys. Educ. & Rec.	2	89	23	112	145	257
Humanities	3	110	27	137	218	355
Journalism	4	146	35	181	290	471
Mathematics & Physical Sci.	5	184	44	228	363	591
Music	6	220	53	273	435	708
Natural Resources	7	257	61	318	507	825
Nursing	8	294	70	364	580	944
Pharmacy	9	313	79	392	652	1044
Social & Behavioral Sciences	10	367	88	455	725	1180
Social Work	11	404	97	501	798	1299
University College	12+	441	106	547	870	1417
Graduate School	0-1	76	13	89	101	190
	2	122	21	143	202	345
	3	183	32	215	303	518
	4	245	42	287	404	691
	5	306	53	359	505	864
	6	367	64	431	606	1037
	7	428	74	502	707	1209
	8	490	85	575	808	1383
	9	550	95	645	909	1554
	10+	612	106	718	1010	1728

UBO/June 7, 1984

June 7, 1984 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1984-85 CURRENT FUNDS BUDGET

Student Fee Schedule  
Autumn 1984

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non- Resident Tuition	Non- Resident Total
Graduate						
Professional						
Law (Semester)	0-3	\$ 271	\$ 40	\$ 311	\$ 406	\$ 717
	4	357	52	409	536	945
	5	452	66	518	678	1196
	6	541	80	621	811	1432
	7+	1082	159	1241	1623	2864
Medicine	0-3	320	27	347	627	974
	4	423	35	458	828	1286
	5	535	44	579	1048	1627
	6	641	53	694	1254	1948
	7+	1281	106	1387	2508	3895
Dentistry	0-3	263	27	290	569	859
Optometry	4	347	35	382	751	1133
Veterinary Medicine	5	438	44	482	952	1434
	6	525	53	578	1139	1717
	7+	1050	106	1156	2277	3433
Executive M.B.A.						
1st year	--	1767	106	1873	909	2783
2nd year	--	1767	106	1873	909	2783
Pharmacy, Doctor of	--	721	106	827	1082	1909

UBO/June 7, 1984

June 7, 1984 meeting, Board of Trustees

THE OHIO STATE UNIVERSITY  
1984-85 CURRENT FUNDS BUDGET

Student Fee Schedule  
Autumn 1984

College or School	Credit Hours Enrollment	Instructional Fees	General Fees	Resident Total	Non- Resident Tuition	Non- Resident Total
Regional Campuses						
Undergraduate	0-1	\$ 74	\$ 14	\$ 88	\$ 72	\$ 160
	2	89	19	108	145	253
	3	110	23	133	218	351
	4	146	30	176	290	466
	5	184	38	222	363	585
	6	220	45	265	435	700
	7	257	52	309	507	816
	8	294	60	354	580	934
	9	313	67	380	652	1032
	10	367	74	441	725	1166
	11	404	83	487	798	1285
	12+	441	90	531	870	1401
Graduate	0-1	76	13	89	101	190
	2	122	18	140	202	342
	3	183	27	210	303	513
	4	245	36	281	404	685
	5	306	45	351	505	856
	6	367	54	421	606	1027
	7	428	63	491	707	1198
	8	490	72	562	808	1370
	9	550	81	631	909	1540
	10+	612	90	702	1010	1712

UBO/June 7, 1984

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June 7, 1984 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO DONALD A. CRAMP

Resolution No. 84-152

WHEREAS Donald A. Cramp joined the staff of the University Hospitals in October, 1980 as Director of Hospital Administration; and

WHEREAS in November of 1981 Mr. Cramp's expanding responsibilities were recognized with a title change to Executive Director of University Hospitals; and

WHEREAS Don Cramp's service as administrative officer of the University Hospitals has been exemplary, forward-looking and extraordinarily productive during a period of rapid change, major growth and escalating costs; and

WHEREAS among his most significant accomplishments during that time Mr. Cramp has been able to maintain a rate of budget growth far below that of many comparable facilities, and he has also been able to assure organizational stability in a number of areas which have been historically troublesome; and

WHEREAS Mr. Cramp has announced his intention to leave Ohio State on June 30 in order to assume the position of President, University of Alberta Hospitals;

NOW THEREFORE

BE IT RESOLVED, That the thanks, recognition and deep appreciation of this Board and the University be expressed to Donald A. Cramp for his dedicated service and outstanding contribution to University Hospitals and The Ohio State University in general during the past three and a half years; and

BE IT FURTHER RESOLVED, That the best wishes of the Board be conveyed to Don as he undertakes his new assignment with the University of Alberta.

Upon motion of Mrs. Bowser, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 84-153

RESOLVED, That the report on the University's Investment Portfolio, dated May 18, 1984, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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June 7, 1984 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, July 6, 1984, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott  
Secretary

D. James Hilliker  
Chairman

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